Sequence Name: C:\msdchem\1\sequence\091814.s
Comment:
Operator:
Data Path: C:\msdchem\1\DATA\091814\
Instrument Control Pre-Seq Cmd:
Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:
Data Analysis Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

Sequence Barcode Options
(X) On Mismatch, Inject Anyway
( ) On Mismatch, Don't Inject
( ) Barcode Disabled

Line			Sample Name/Misc Info	
1)	Sample	1	001	DFTPP14 dftpp
2)	Sample	2	002	PCPSIM L1
3)	Sample	3	003	PCPSIM L2
4)	Sample	4	004	PCPSIM L3
5)	Sample	5	005	PCPSIM L4
6)	Sample	6	006	PCPSIM L5
7)	Sample	7	007	PCPSIM L6
8)	Sample	8	008	PCPSIM ccv L4
9)	Sample	9	009	PCPSIM icv
10)	Sample	10	010	PCPSIM B409180-BLK1
11)	Sample	11	011	PCPSIM B409180-BS1
12)	Sample	12	012	PCPSIM 4091104-01
13)	Sample	13	013	PCPSIM 4091104-02
14)	Sample	14	014	PCPSIM 4091104-03
15)	Sample	15	015	PCPSIM 4091104-04
16)	Sample	16	016	PCPSIM 4091104-05
17)	Sample	17	017	PCPSIM 4091104-06
18)	Sample	18	018	PCPSIM 4091104-07
19)	Sample	19	019	PCPSIM 4091104-08
20)	Sample	20	020	PCPSIM 4091104-09
21)	Sample	21	021	PCPSIM 4091104-10
22)	Sample	22	022	PCPSIM ccv L4
23)	Sample	23	023	PCPSIM 4091104-11
24)	Sample	24	024	PCPSIM 4091104-12
25)	Sample	25	025	PCPSIM 4091104-13
26)	Sample	26	026	PCPSIM 4091104-14
27)	Sample	27	027	PCPSIM 4091104-15
28)	Sample	28	028	PCPSIM 4091104-16
29)	Sample	29	029	PCPSIM 4091104-17
30)	Sample	30	030	PCPSIM 4091104-18
31)	Sample	31	031	PCPSIM 4091104-19
32)	Sample	32	032	PCPSIM 4091104-20
33)	Sample	33	033	PCPSIM B409180-MS1
34)	Sample	34	034	PCPSIM B409180-MSD1
35)	Sample	35	035	PCPSIM ccv
36)	Sample	36	036	DFTPP14 dftpp
37)	Sample	37	037	PCPSIM B409221-BLK1
38)	Sample	38	038	PCPSIM B409221-BS1
39)	Sample	39	039	PCPSIM 4091104-41
40)	Sample	40	040	PCPSIM 4091104-42
41)	Sample	41	041	PCPSIM 4091104-43
42)	Sample	42	042	PCPSIM 4091104-44
43)	Sample	43	043	PCPSIM 4091104-45

Sequence Name: C:\msdchem\1\sequence\091814.s

	Line Type	Vial	DataFile	Method	Sample Name
44)	Sample	44	044	PCPSIM	4091104-46
45)	Sample	45	045	PCPSIM	4091104-47
46)	Sample	46	046	PCPSIM	4091104-48
47)	Sample	47	047	PCPSIM	4091104-49
48)	Sample	48	048	PCPSIM	4091104-50
49)	Sample	49	049	PCPSIM	ccv
50)	Sample	50	050	PCPSIM	4091104-54
51)	Sample	51	051	PCPSIM	4091104-55
52)	Sample	52	052	PCPSIM	4091104-56
53)	Sample	53	053	PCPSIM	4091104-57
54)	Sample	54	054	PCPSIM	4091104-59
55)	Sample	55	055	PCPSIM	4091104-60
56)	Sample	56	056	PCPSIM	4091104-52
57)	Sample	57	057	PCPSIM	4091104-58
58)	Sample	58	058	PCPSIM	4091104-51
59)	Sample	59	059	PCPSIM	4091104-53
60)	Sample	60	060	PCPSIM	B409221-MS1
61)	Sample	61	061	PCPSIM	B409221-MSD1
62)	Sample	62	062	PCPSIM	CCV
63)	Sample	63	063	DFTPP14	DFTPP
64)	Sample	64	064	PCPSIM	L1
65)	Sample	65	065	PCPSIM	L2
66)	Sample	66	066	PCPSIM	L3
67)	Sample	67	067	PCPSIM	L4
68)	Sample	68	068	PCPSIM	L5
69)	Sample	69	069	PCPSIM	L6
70)	Sample	70	070	PCPSIM	B409182-BLK1
71)	Sample	71	071	PCPSIM	B409182-BS1
72)	Sample	72	072	PCPSIM	4091104-61
73)	Sample	73	073	PCPSIM	4091104-62
74)	Sample	74	074	PCPSIM	4091104-63
75)	Sample	75	075	PCPSIM	4091104-64
76)	Sample	76	076	PCPSIM	4091104-65
77)	Sample	77	077	PCPSIM	4091104-66
78)	Sample	78	078	PCPSIM	4091104-67
79)	Sample	79	079	PCPSIM	4091104-68
80)	Sample	80	080	PCPSIM	4091104-69
81)	Sample	81	081	PCPSIM	4091104-70
82)	Sample	82	082	PCPSIM	ccv
83)	Sample	83	083	PCPSIM	4091104-71
84)	Sample	84	084	PCPSIM	4091104-72
85)	Sample	85	085	PCPSIM	4091104-73
86)	Sample	86	086	PCPSIM	4091104-76
87)	Sample	87	087	PCPSIM	4091104-77
88)	Sample	88	088	PCPSIM	4091104-78
89)	Sample	89	089	PCPSIM	4091104-79
90)	Sample	90	090	PCPSIM	4091104-80
91)	Sample	91	091	PCPSIM	4091104-81
92)	Sample	92	092	PCPSIM	4091104-82
93)	Sample	93	093	PCPSIM	B409182-MS2
94)	Sample	94	094	PCPSIM	B409182-MSD2
95)	Sample	95	095	PCPSIM	B409182-MS1
96)	Sample	96	096	PCPSIM	B409182-MSD1

Sequence Name: C:\msdchem\1\sequence\091814.s

	Line	Type	Vial	DataFile	Method	Sample Name
97)		Sample	97	097	PCPSIM	CCV
98)		Sample	98	098	PCPSIM	B409221-BS2

DFTPP

B409180
4091104 1-20

Data Path : C:\msdchem\1\data\091814\
Data File : 001.D
Acq On : 18 Sep 2014 1:50 pm
Operator :
Sample : dftpp
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\pcp091514b.M
Title : WES BNAII CAL
Last Update : Thu Sep 18 16:01:53 2014

AutoFind: Scans 352, 353, 354; Background Corrected with Scan 2

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.4	22893	PASS
68	69	0.00	2	1.2	220	PASS
69	198	0.00	100	43.4	18956	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.3	21101	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	43712	PASS
199	198	5	9	6.4	2785	PASS
275	198	10	30	23.5	10259	PASS
365	198	1	100	3.8	1672	PASS
441	443	0.01	100	78.9	4277	PASS
442	198	40	150	61.7	26964	PASS
443	442	17	23	20.1	5421	PASS

pcp091514b.M Fri Sep 19 08:10:02 2014

DFTPP

Data Path : C:\msdchem\1\data\091814\
Data File : 036.D
Acq On : 18 Sep 2014 11:28 pm
Operator :
Sample : dftpp
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\pcp091814.M
Title : WES BNAII CAL
Last Update : Fri Sep 19 08:33:41 2014

AutoFind: Scans 352, 353, 354; Background Corrected with Scan 2

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.6	17086	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.4	14654	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.4	16360	PASS
197	198	0.00	1	0.5	170	PASS
198	198	100	100	100.0	33794	PASS
199	198	5	9	7.2	2433	PASS
275	198	10	30	24.6	8329	PASS
365	198	1	100	4.3	1462	PASS
441	443	0.01	100	85.1	3551	PASS
442	198	40	150	71.1	24040	PASS
443	442	17	23	17.4	4174	PASS

pcp091814.M Fri Sep 19 08:39:32 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 002.D
Acq On : 18 Sep 2014 2:05 pm
Operator :
Sample : L1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 08:30:13 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:25:34 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.208	164	300387	1000.00 ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	448606	1000.00 ng/mL	0.00
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.324	172	27296	0.00 ng/mL	0.02
5) Terphenyl d14	7.201	244	31582	0.00 ng/mL	0.00
Target Compounds					Qvalue
4) Pentachlorophenol	5.684	266	12678	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

pcp091814.M Fri Sep 19 08:30:14 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 003.D
Acq On : 18 Sep 2014 2:20 pm
Operator :
Sample : L2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 19 08:29:19 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:25:34 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.175	164	526121	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	787530	1000.00 ng/mL	-0.04
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.293	172	114696	0.00 ng/mL	0.00
5) Terphenyl d14	7.170	244	106027	0.00 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.651	266	13423	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

pcp091814.M Fri Sep 19 08:29:19 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 004.D
Acq On : 18 Sep 2014 2:35 pm
Operator :
Sample : L3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 08:16:37 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:16:22 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.176	164	603777	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	917697	1000.00 ng/mL	-0.04
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.293	172	331609	0.00 ng/mL	0.00
5) Terphenyl d14	7.170	244	293971	0.00 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.650	266	21952	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 005.D
Acq On : 18 Sep 2014 2:49 pm
Operator :
Sample : L4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 19 08:30:45 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:25:34 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.209	164	552128	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	841837	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.322	172	611135	0.00	ng/mL	0.02
5) Terphenyl d14	7.201	244	551915	0.00	ng/mL	0.00
Target Compounds						Qvalue
4) Pentachlorophenol	5.682	266	35949	No Calib		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

pcp091814.M Fri Sep 19 08:30:45 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 006.D
Acq On : 18 Sep 2014 3:04 pm
Operator :
Sample : L5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 08:16:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:16:22 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.176	164	315399	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	471770	1000.00 ng/mL	-0.03
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.292	172	622163	0.00 ng/mL	0.00
5) Terphenyl d14	7.169	244	1116956	0.00 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.648	266	74158	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

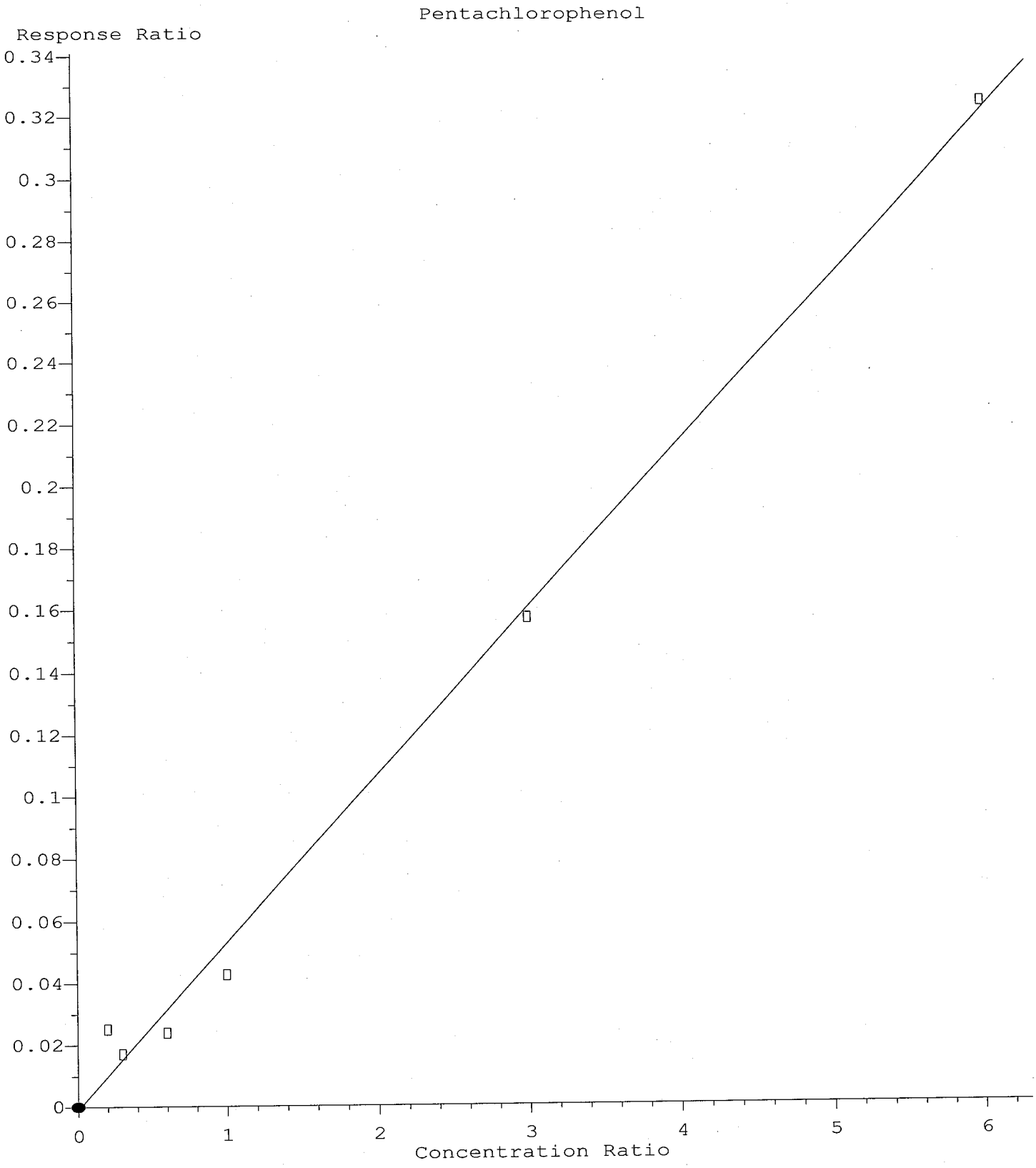
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 007.D
Acq On : 18 Sep 2014 3:19 pm
Operator :
Sample : L6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 19 08:16:43 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:16:22 2014
Response via : Initial Calibration

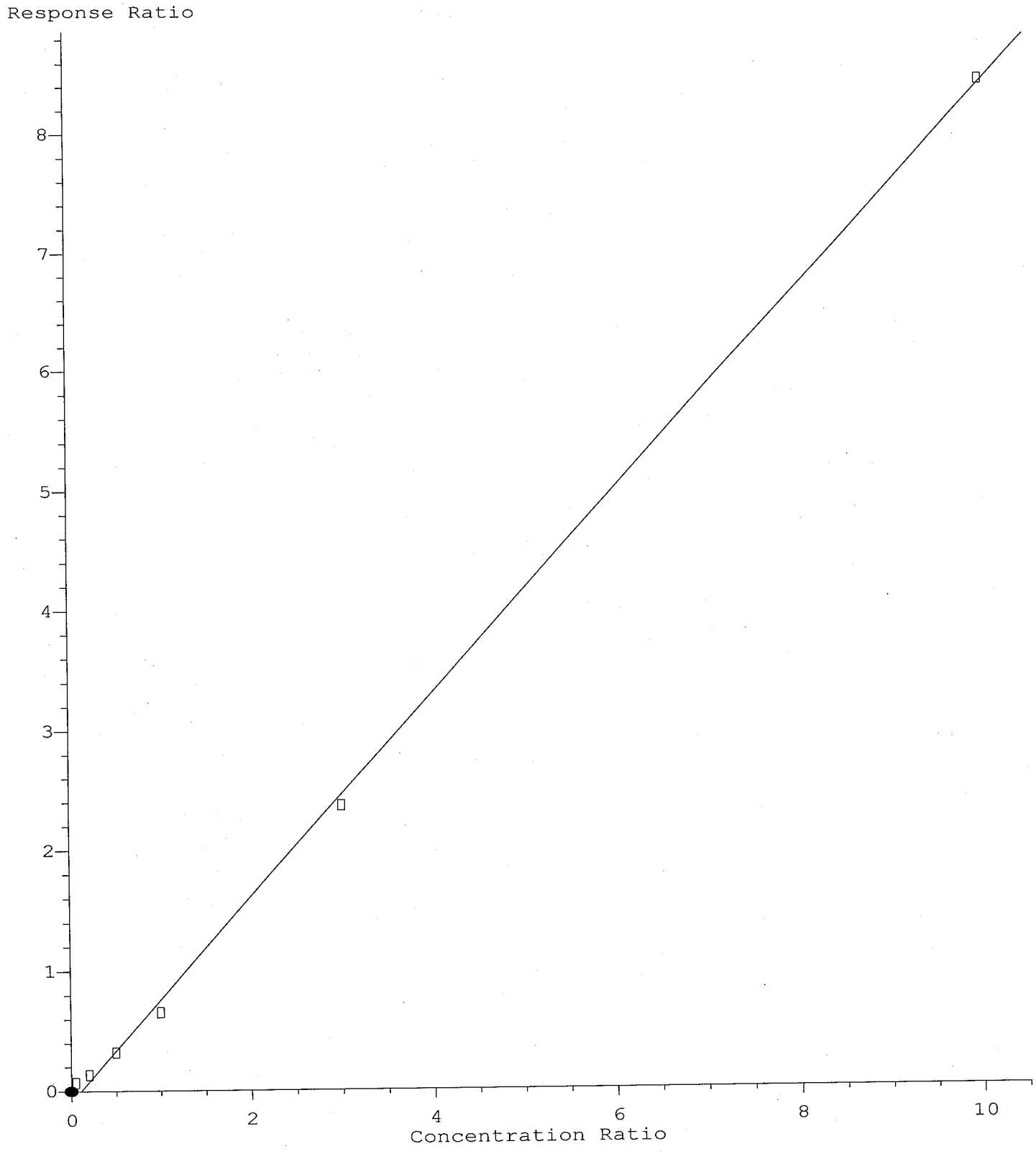
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.210	164	388259	1000.00 ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	610353	1000.00 ng/mL	0.00
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.322	172	4679191	0.00 ng/mL	0.02
5) Terphenyl d14	7.200	244	5153886	0.00 ng/mL	-0.01
Target Compounds					Qvalue
4) Pentachlorophenol	5.680	266	198245	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



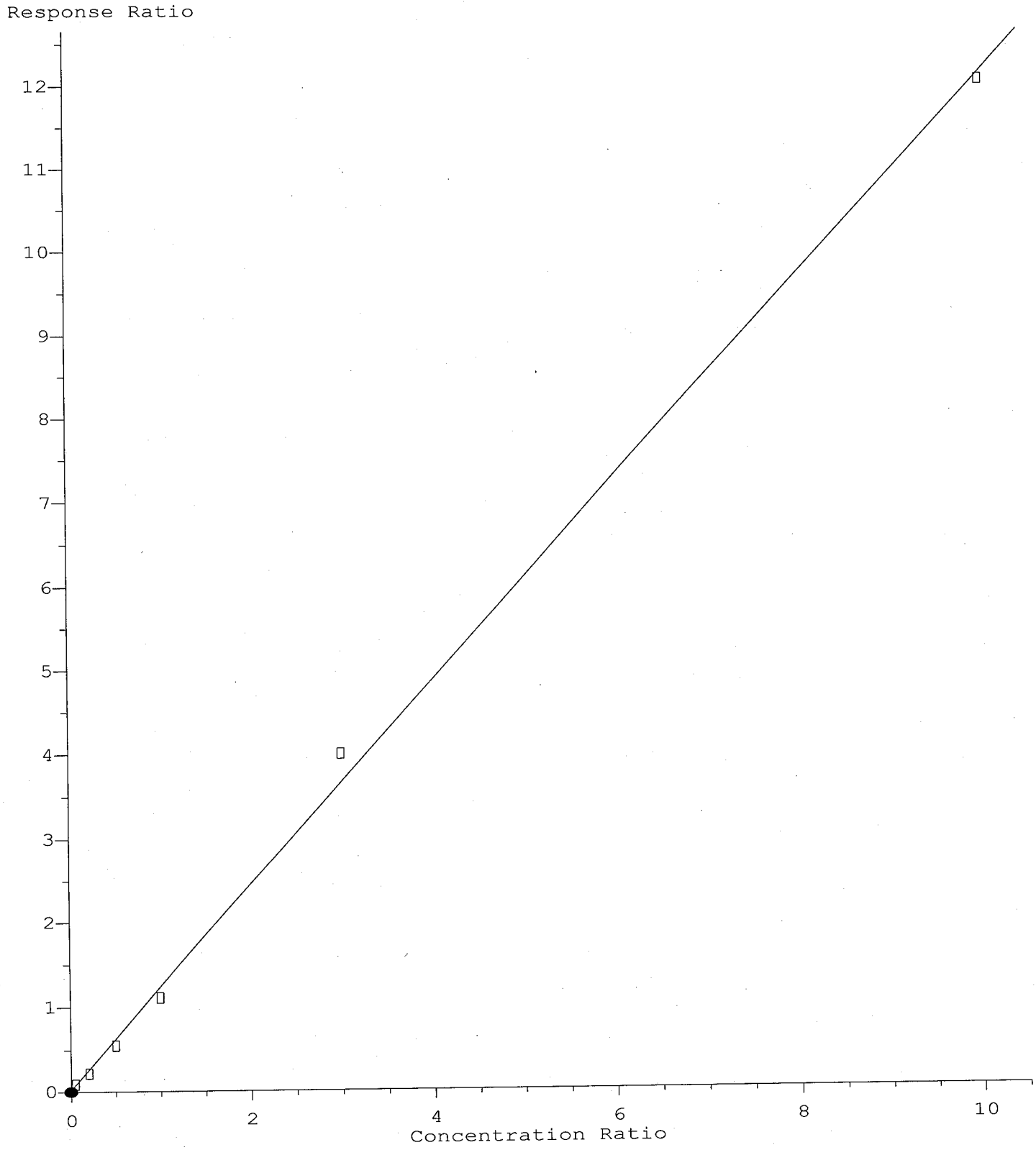
Response = 5.374e-002 * Amt - 9.553e-004
Coef of Det (r^2) = 0.995 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814.M
Calibration Table Last Updated: Fri Sep 19 08:33:41 2014

Terphenyl d14



Response = 8.497e-001 * Amt - 9.017e-002
Coef of Det (r^2) = 0.999 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814.M
Calibration Table Last Updated: Fri Sep 19 08:33:41 2014

2-Fluorobiphenyl



Response = 1.211e+000 * Amt + 2.496e-002
Coef of Det (r^2) = 0.999 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814.M
Calibration Table Last Updated: Fri Sep 19 08:33:41 2014

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 008.D
Acq On : 18 Sep 2014 3:33 pm
Operator :
Sample : ccv L4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 08:35:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	97	-0.04
2	S	2-Fluorobiphenyl	1.275	1.198	6.0	105	0.00
3	I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.03
4	t	Pentachlorophenol	0.062	0.046#	25.8#	98	-0.05
5	s	Terphenyl d14	0.835	0.665	20.4#	91	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 008.D
Acq On : 18 Sep 2014 3:33 pm
Operator :
Sample : ccv L4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 08:35:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1000.000	1000.000	0.0	97	-0.04
2	S	2-Fluorobiphenyl	1000.000	968.746	3.1	105	0.00
3	I	Phenanthrene-d10	1000.000	1000.000	0.0	90	-0.03
4	t	Pentachlorophenol	1000.000	880.001	12.0	98	-0.05
5	s	Terphenyl d14	1000.000	888.535	11.1	91	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

pcp091814.M Fri Sep 19 08:36:09 2014

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 008.D
Acq On : 18 Sep 2014 3:33 pm
Operator :
Sample : ccv L4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 08:35:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.175	164	534581	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	757058	1000.00 ng/mL	-0.03
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.292	172	640493	968.75 ng/mL	0.00
5) Terphenyl d14	7.170	244	503335	888.53 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.639	266	35076m	880.00 ng/mL	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 009.D
Acq On : 18 Sep 2014 4:53 pm
Operator :
Sample : icv
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 19 08:37:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	67	-0.01
3	I	Phenanthrene-d10	1.000	1.000	0.0	65	0.00
4	t	Pentachlorophenol	0.062	0.059	4.8	89	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

pcp091814.M Fri Sep 19 08:37:44 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 009.D
Acq On : 18 Sep 2014 4:53 pm
Operator :
Sample : icv
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 19 08:37:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.205	164	368181	1000.00 ng/mL	-0.01
3) Phenanthrene-d10	5.771	188	544507	1000.00 ng/mL	0.00
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.326	172	663	-19.13 ng/mL	0.03
5) Terphenyl d14	7.201	244	5330	117.63 ng/mL	0.00
Target Compounds					Qvalue
4) Pentachlorophenol	5.676	266	31859	1106.62 ng/mL	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 022.D
Acq On : 18 Sep 2014 8:03 pm
Operator :
Sample : ccv L4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 19 08:38:25 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	92	-0.01
2	S	2-Fluorobiphenyl	1.275	1.083	15.1	90	0.02
3	I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
4	t	Pentachlorophenol	0.062	0.056	9.7	125	0.00
5	s	Terphenyl d14	0.835	0.693	17.0	100	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

pcp091814.M Fri Sep 19 08:38:28 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 022.D
Acq On : 18 Sep 2014 8:03 pm
Operator :
Sample : ccv L4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 19 08:38:25 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.209	164	509189	1000.00 ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	794790	1000.00 ng/mL	0.00
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.321	172	551294	873.43 ng/mL	0.02
5) Terphenyl d14	7.200	244	551016	921.99 ng/mL	-0.01
Target Compounds					Qvalue
4) Pentachlorophenol	5.681	266	44841	1067.71 ng/mL	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

pcp091814.M Fri Sep 19 08:38:39 2014

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 035.D
Acq On : 18 Sep 2014 11:14 pm
Operator :
Sample : ccv
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 19 08:39:02 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	69	-0.04
2	S	2-Fluorobiphenyl	1.275	1.082	15.1	67	0.00
3	I	Phenanthrene-d10	1.000	1.000	0.0	69	-0.04
4	t	Pentachlorophenol	0.062	0.067	-8.1	107	-0.04
5	s	Terphenyl d14	0.835	0.754	9.7	79	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

pcp091814.M Fri Sep 19 08:39:04 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 035.D
Acq On : 18 Sep 2014 11:14 pm
Operator :
Sample : ccv
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 19 08:39:02 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.175	164	379879	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	580319	1000.00 ng/mL	-0.04
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.292	172	411207	873.24 ng/mL	0.00
5) Terphenyl d14	7.169	244	437350	993.01 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.652	266	38618	1256.17 ng/mL	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 049.D
Acq On : 19 Sep 2014 2:39 am
Operator :
Sample : ccv
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 19 08:40:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	127	-0.01
2	S	2-Fluorobiphenyl	1.275	1.059	16.9	122	0.02
3	I	Phenanthrene-d10	1.000	1.000	0.0	138	0.00
4	t	Pentachlorophenol	0.062	0.071	-14.5	228#	0.00
5	s	Terphenyl d14	0.835	0.781	6.5	165	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

pcp091814.M Fri Sep 19 08:40:51 2014

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 049.D
Acq On : 19 Sep 2014 2:39 am
Operator :
Sample : ccv
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 19 08:40:41 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.209	164	702732	1000.00 ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	1164046	1000.00 ng/mL	0.00
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.323	172	744185	853.86 ng/mL	0.02
5) Terphenyl d14	7.200	244	908702	1024.79 ng/mL	-0.01
Target Compounds					Qvalue
4) Pentachlorophenol	5.680	266	82091m	1330.16 ng/mL	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

DFTPP

Data Path : C:\msdchem\1\data\091814\
Data File : 063.D
Acq On : 19 Sep 2014 6:04 am
Operator :
Sample : DFTPP
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\pcp091814A.M
Title : WES BNAII CAL
Last Update : Fri Sep 19 15:11:44 2014

AutoFind: Scans 354, 355, 356; Background Corrected with Scan 2

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.9	19617	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.0	16068	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.4	19445	PASS
197	198	0.00	1	0.7	299	PASS
198	198	100	100	100.0	40150	PASS
199	198	5	9	7.6	3045	PASS
275	198	10	30	26.1	10478	PASS
365	198	1	100	4.7	1890	PASS
441	443	0.01	100	72.9	4470	PASS
442	198	40	150	79.9	32085	PASS
443	442	17	23	19.1	6130	PASS

pcp091814A.M Fri Sep 19 15:18:54 2014

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 064.D
Acq On : 19 Sep 2014 6:20 am
Operator :
Sample : L1
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Sep 19 15:06:07 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.176	164	437684	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	651459	1000.00 ng/mL	-0.03
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.293	172	39416	0.00 ng/mL	0.00
5) Terphenyl d14	7.171	244	43451	0.00 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.654	266	35796	No Calib	#

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 065.D
Acq On : 19 Sep 2014 6:34 am
Operator :
Sample : L2
Misc :
ALS Vial : 65 Sample Multiplier: 1

Quant Time: Sep 19 15:10:14 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.202	164	532645	1000.00 ng/mL	-0.02
3) Phenanthrene-d10	5.768	188	824532	1000.00 ng/mL	-0.01
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.316	172	113677	0.00 ng/mL	0.02
5) Terphenyl d14	7.194	244	117111	0.00 ng/mL	-0.02
Target Compounds					Qvalue
4) Pentachlorophenol	5.670	266	20541	No Calib	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 066.D
Acq On : 19 Sep 2014 6:49 am
Operator :
Sample : L3
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Sep 19 15:06:11 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.200	164	1404141	1000.00 ng/mL	-0.02
3) Phenanthrene-d10	5.767	188	2251685	1000.00 ng/mL	-0.01
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.314	172	736645	0.00 ng/mL	0.01
5) Terphenyl d14	7.193	244	783328	0.00 ng/mL	-0.02
Target Compounds					Qvalue
4) Pentachlorophenol	5.676	266	84982	No Calib	#

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 067.D
Acq On : 19 Sep 2014 7:04 am
Operator :
Sample : L4
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Sep 19 15:06:13 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.176	164	429430	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.746	188	661631	1000.00	ng/mL	-0.03
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.293	172	472989	0.00	ng/mL	0.00
5) Terphenyl d14	7.170	244	475412	0.00	ng/mL	-0.04
Target Compounds						Qvalue
4) Pentachlorophenol	5.654	266	41613	No Calib		#

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 068.D
Acq On : 19 Sep 2014 7:18 am
Operator :
Sample : L5
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Sep 19 15:06:15 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.176	164	657232	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	1045661	1000.00	ng/mL	-0.03
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.292	172	2451454	0.00	ng/mL	0.00
5) Terphenyl d14	7.170	244	2681639	0.00	ng/mL	-0.04
Target Compounds						Qvalue
4) Pentachlorophenol	5.652	266	254418	No Calib		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

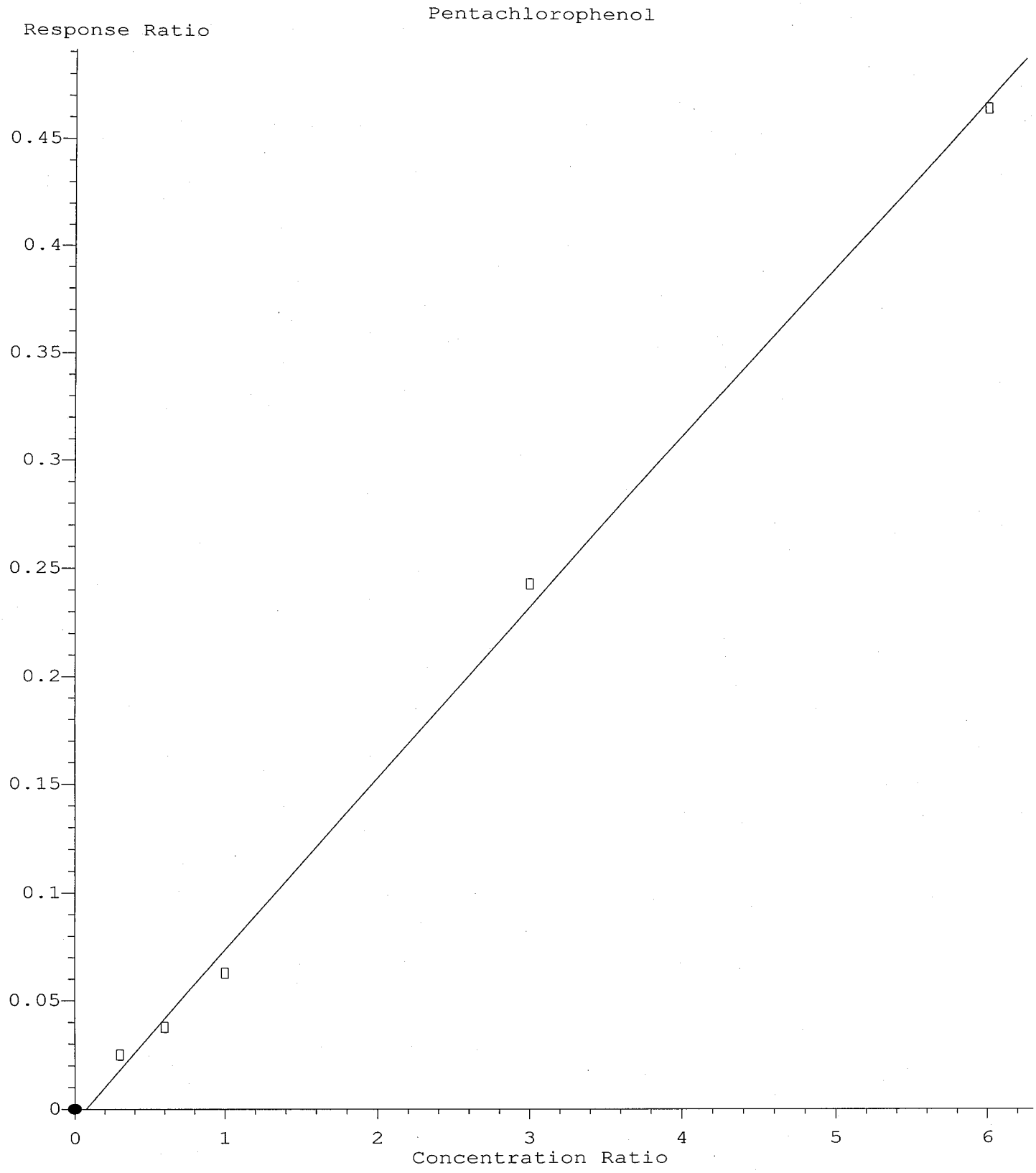
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 069.D
Acq On : 19 Sep 2014 7:33 am
Operator :
Sample : L6
Misc :
ALS Vial : 69 Sample Multiplier: 1

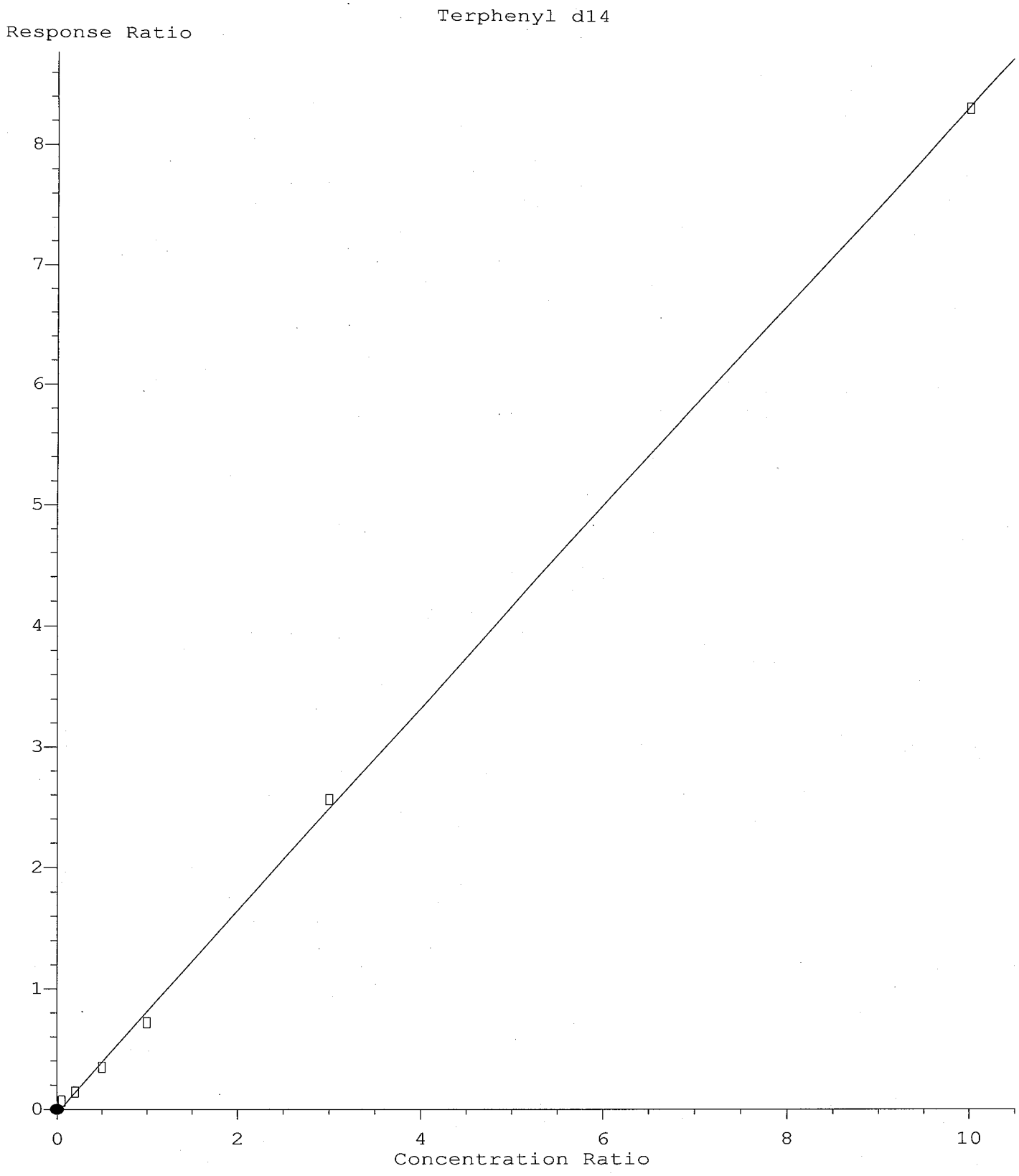
Quant Time: Sep 19 15:06:17 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:05:37 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.201	164	580478	1000.00 ng/mL	-0.02
3) Phenanthrene-d10	5.767	188	908600	1000.00 ng/mL	-0.01
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.315	172	6609750	0.00 ng/mL	0.02
5) Terphenyl d14	7.193	244	7587387	0.00 ng/mL	-0.02
Target Compounds					Qvalue
4) Pentachlorophenol	5.675	266	424915	No Calib	

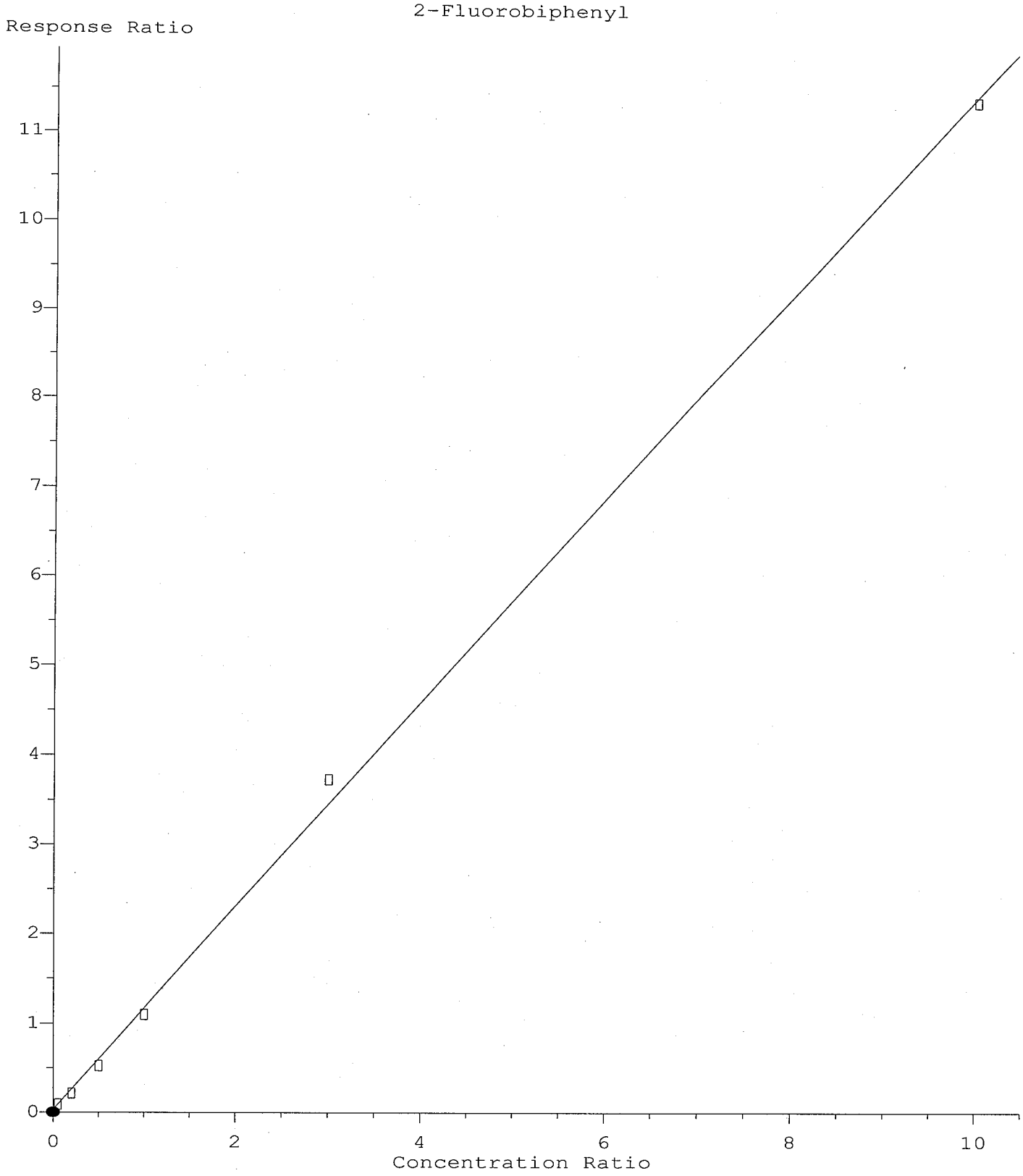
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Response = 7.957e-002 * Amt - 6.160e-003
Coef of Det (r^2) = 0.998 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814A.M
Calibration Table Last Updated: Fri Sep 19 15:08:03 2014



Response = 8.396e-001 * Amt - 3.226e-002
Coef of Det (r^2) = 1.000 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814A.M
Calibration Table Last Updated: Fri Sep 19 15:08:03 2014



Response = 1.142e+000 * Amt + 3.302e-002
Coef of Det (r^2) = 0.999 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\pcp091814A.M
Calibration Table Last Updated: Fri Sep 19 15:08:03 2014

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 082.D
Acq On : 19 Sep 2014 10:43 am
Operator :
Sample : ccv
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Sep 19 15:17:13 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:11:44 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	102	-0.04
2	S	2-Fluorobiphenyl	1.233	1.055	14.4	98	0.00
3	I	Phenanthrene-d10	1.000	1.000	0.0	99	-0.03
4	t	Pentachlorophenol	0.074	0.083	-12.2	130	-0.04
5	s	Terphenyl d14	0.858	0.778	9.3	107	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 082.D
Acq On : 19 Sep 2014 10:43 am
Operator :
Sample : ccv
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Sep 19 15:17:13 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:11:44 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.176	164	439470	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.746	188	654426	1000.00 ng/mL	-0.03
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.292	172	463574	894.58 ng/mL	0.00
5) Terphenyl d14	7.171	244	508971	964.76 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.654	266	54147	1117.26 ng/mL#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\091814\
Data File : 097.D
Acq On : 19 Sep 2014 2:23 pm
Operator :
Sample : CCV
Misc :
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Sep 19 15:12:07 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:11:44 2014
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Acenaphthene-d10	1.000	1.000	0.0	92	-0.02
2	S	2-Fluorobiphenyl	1.233	1.058	14.2	88	0.02
3	I	Phenanthrene-d10	1.000	1.000	0.0	91	-0.01
4	t	Pentachlorophenol	0.074	0.076	-2.7	110	-0.01
5	s	Terphenyl d14	0.858	0.759	11.5	97	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 097.D
Acq On : 19 Sep 2014 2:23 pm
Operator :
Sample : CCV
Misc :
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Sep 19 15:12:07 2014
Quant Method : C:\msdchem\1\methods\pcp091814A.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 15:11:44 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.201	164	393043	1000.00 ng/mL	-0.02
3) Phenanthrene-d10	5.768	188	604897	1000.00 ng/mL	-0.01
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.316	172	415861	897.39 ng/mL	0.02
5) Terphenyl d14	7.194	244	458951	942.11 ng/mL	-0.02
Target Compounds					Qvalue
4) Pentachlorophenol	5.677	266	45723	1027.36 ng/mL#	30

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 010.D
Acq On : 18 Sep 2014 5:08 pm
Operator :
Sample : B409180-BLK1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 19 11:03:45 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.208	164	369467	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	552104	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.320	172	1641482	3648.10	ng/mL	0.02
5) Terphenyl d14	7.199	244	1849461	4048.31	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 011.D
Acq On : 18 Sep 2014 5:22 pm
Operator :
Sample : B409180-BS1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 19 08:43:14 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.200	164	301556	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.766	188	466465	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.314	172	1146234	3118.15	ng/mL	0.01
5) Terphenyl d14	7.192	244	1381124	3590.50	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	5.673	266	243000	9712.22	ng/mL	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 012.D
Acq On : 18 Sep 2014 5:37 pm
Operator :
Sample : 4091104-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 19 10:59:55 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.200	164	327362	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.767	188	472862	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.314	172	1448166	3632.33	ng/mL	0.01
5) Terphenyl d14	7.192	244	1556404	3979.59	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 013.D
Acq On : 18 Sep 2014 5:52 pm
Operator :
Sample : 4091104-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 19 10:59:57 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.176	164	273200	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	396447	1000.00	ng/mL	-0.03
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.293	172	1256865	3778.31	ng/mL	0.00
5) Terphenyl d14	7.169	244	1295328	3951.22	ng/mL	-0.04
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 014.D
Acq On : 18 Sep 2014 6:06 pm
Operator :
Sample : 4091104-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 19 10:59:59 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.192	164	519371	1000.00	ng/mL	-0.03
3) Phenanthrene-d10	5.760	188	639875	1000.00	ng/mL	-0.02
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.307	172	2458462	3888.14	ng/mL	0.00
5) Terphenyl d14	7.184	244	1878082	3560.20	ng/mL	-0.03
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 015.D
Acq On : 18 Sep 2014 6:21 pm
Operator :
Sample : 4091104-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 19 11:00:01 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.199	164	575181	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.766	188	871558	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.313	172	2418346	3451.28	ng/mL	0.01
5) Terphenyl d14	7.191	244	2854970	3961.07	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 016.D
Acq On : 18 Sep 2014 6:36 pm
Operator :
Sample : 4091104-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 19 11:00:03 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.208	164	614221	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	928802	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.321	172	2586371	3456.50	ng/mL	0.02
5) Terphenyl d14	7.199	244	3067924	3993.29	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 017.D
Acq On : 18 Sep 2014 6:50 pm
Operator :
Sample : 4091104-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 11:00:05 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.200	164	402981	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.767	188	573191	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.314	172	1575459	3207.70	ng/mL	0.01
5) Terphenyl d14	7.191	244	1786689	3774.40	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 018.D
Acq On : 18 Sep 2014 7:05 pm
Operator :
Sample : 4091104-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 19 11:00:07 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.176	164	280660	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	420575	1000.00	ng/mL	-0.03
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.292	172	1277694	3738.62	ng/mL	0.00
5) Terphenyl d14	7.169	244	1392485	4002.49	ng/mL	-0.04
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 019.D
Acq On : 18 Sep 2014 7:19 pm
Operator :
Sample : 4091104-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 19 11:00:09 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.200	164	597535	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.766	188	927806	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.314	172	2512989	3452.19	ng/mL	0.01
5) Terphenyl d14	7.192	244	3036521	3957.64	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 020.D
Acq On : 18 Sep 2014 7:34 pm
Operator :
Sample : 4091104-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 19 11:00:11 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.210	164	283870	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	422418	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.323	172	1192206	3447.43	ng/mL	0.02
5) Terphenyl d14	7.199	244	1313024	3764.11	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 021.D
Acq On : 18 Sep 2014 7:49 pm
Operator :
Sample : 4091104-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 19 11:00:13 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.191	164	575400	1000.00	ng/mL	-0.03
3) Phenanthrene-d10	5.759	188	710250	1000.00	ng/mL	-0.02
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.307	172	2598996	3709.22	ng/mL	0.00
5) Terphenyl d14	7.183	244	2354700	4007.67	ng/mL	-0.03
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 023.D
Acq On : 18 Sep 2014 8:18 pm
Operator :
Sample : 4091104-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 19 11:00:15 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.192	164	838335	1000.00	ng/mL	-0.03
3) Phenanthrene-d10	5.758	188	1208986	1000.00	ng/mL	-0.02
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.306	172	3397612	3326.03	ng/mL	0.00
5) Terphenyl d14	7.183	244	3878114	3881.08	ng/mL	-0.03
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 024.D
Acq On : 18 Sep 2014 8:33 pm
Operator :
Sample : 4091104-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 19 11:00:17 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.175	164	407822	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	641498	1000.00	ng/mL	-0.04
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.291	172	2907519	5866.53	ng/mL	0.00
5) Terphenyl d14	7.167	244	4217471	7843.07	ng/mL	-0.04
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 025.D
Acq On : 18 Sep 2014 8:47 pm
Operator :
Sample : 4091104-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 19 11:00:19 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.208	164	632813	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	1049745	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.321	172	2152710	2788.46	ng/mL	0.02
5) Terphenyl d14	7.199	244	3281938	3785.37	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 026.D
Acq On : 18 Sep 2014 9:02 pm
Operator :
Sample : 4091104-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 19 11:00:21 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.183	164	528629	1000.00	ng/mL	-0.04
3) Phenanthrene-d10	5.751	188	820818	1000.00	ng/mL	-0.03
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.299	172	2118484	3288.61	ng/mL	0.00
5) Terphenyl d14	7.175	244	2578570	3803.08	ng/mL	-0.03
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 027.D
Acq On : 18 Sep 2014 9:17 pm
Operator :
Sample : 4091104-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 19 11:00:23 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.209	164	366075	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	580945	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.321	172	1384167	3101.67	ng/mL	0.02
5) Terphenyl d14	7.199	244	1806991	3766.56	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 028.D
Acq On : 18 Sep 2014 9:31 pm
Operator :
Sample : 4091104-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 19 11:00:25 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.184	164	227361	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.753	188	363339	1000.00 ng/mL	-0.03
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.299	172	830122	2994.33 ng/mL	0.00
5) Terphenyl d14	7.176	244	1116397	3722.05 ng/mL	-0.03
Target Compounds					Qvalue
4) Pentachlorophenol	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 029.D
Acq On : 18 Sep 2014 9:46 pm
Operator :
Sample : 4091104-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 19 11:00:27 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.191	164	616848	1000.00	ng/mL	-0.03
3) Phenanthrene-d10	5.759	188	738540	1000.00	ng/mL	-0.02
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.307	172	2697842	3590.92	ng/mL	0.00
5) Terphenyl d14	7.183	244	2114054	3474.76	ng/mL	-0.03
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 030.D
Acq On : 18 Sep 2014 10:00 pm
Operator :
Sample : 4091104-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 19 11:00:29 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.209	164	370925	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	586891	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.322	172	1517131	3356.84	ng/mL	0.02
5) Terphenyl d14	7.199	244	1876356	3868.57	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 031.D
Acq On : 18 Sep 2014 10:15 pm
Operator :
Sample : 4091104-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 19 11:00:31 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.200	164	507649	1000.00	ng/mL	-0.02
3) Phenanthrene-d10	5.766	188	809909	1000.00	ng/mL	-0.01
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.313	172	4048438	6564.71	ng/mL	0.01
5) Terphenyl d14	7.191	244	5420305	7982.03	ng/mL	-0.02
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 032.D
Acq On : 18 Sep 2014 10:30 pm
Operator :
Sample : 4091104-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 19 11:00:33 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.209	164	485804	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.776	188	760582	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.322	172	1893116	3197.26	ng/mL	0.02
5) Terphenyl d14	7.199	244	2415078	3842.90	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 033.D
Acq On : 18 Sep 2014 10:44 pm
Operator :
Sample : B409180-MS1
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 19 08:43:56 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Acenaphthene-d10	4.209	164	486880	1000.00	ng/mL	-0.01
3) Phenanthrene-d10	5.775	188	801275	1000.00	ng/mL	0.00
System Monitoring Compounds						
2) 2-Fluorobiphenyl	3.321	172	1779575	2997.58	ng/mL	0.02
5) Terphenyl d14	7.199	244	2456260	3713.61	ng/mL	-0.01
Target Compounds						Qvalue
4) Pentachlorophenol	5.680	266	256737	5980.46	ng/mL	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\091814\
Data File : 034.D
Acq On : 18 Sep 2014 10:59 pm
Operator :
Sample : B409180-MSD1
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 19 08:43:58 2014
Quant Method : C:\msdchem\1\methods\pcp091814.M
Quant Title : WES BNAII CAL
QLast Update : Fri Sep 19 08:33:41 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Acenaphthene-d10	4.176	164	444804	1000.00 ng/mL	-0.04
3) Phenanthrene-d10	5.745	188	697582	1000.00 ng/mL	-0.04
System Monitoring Compounds					
2) 2-Fluorobiphenyl	3.292	172	1588804	2928.93 ng/mL	0.00
5) Terphenyl d14	7.169	244	1919375	3344.12 ng/mL	-0.04
Target Compounds					Qvalue
4) Pentachlorophenol	5.648	266	180861	4842.65 ng/mL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed