Quantitation Report (Qedit)

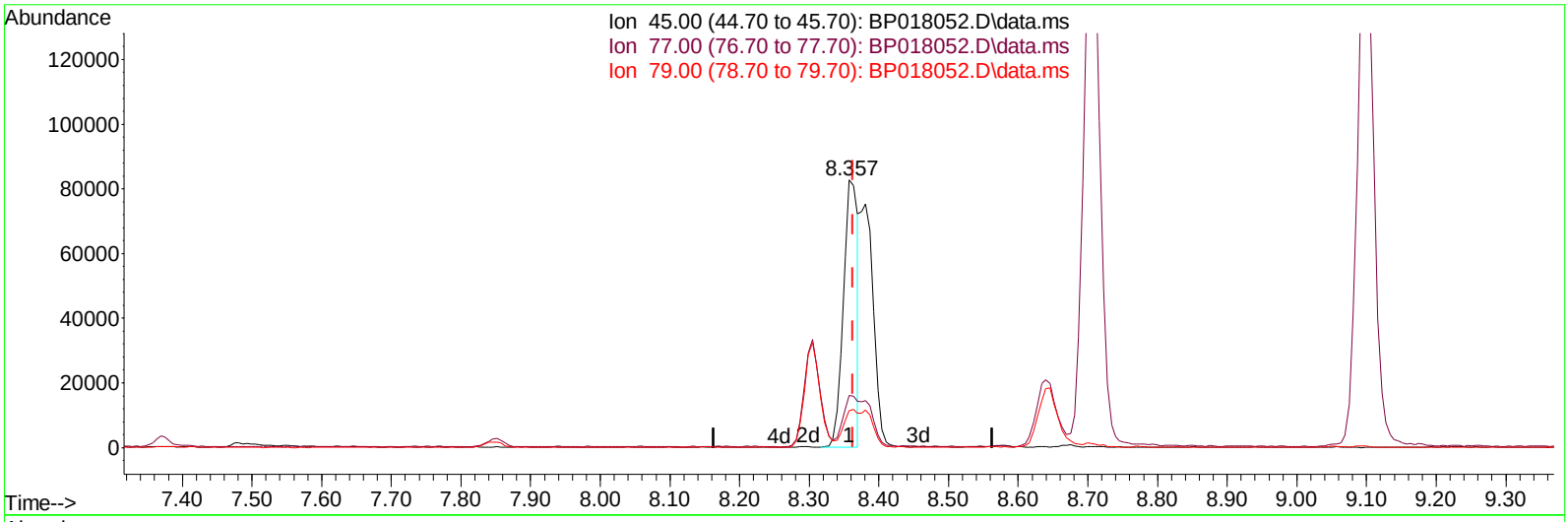
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018052.D
Acq On : 11 Nov 2023 06:46
Operator : MA/JU
Sample : 05013-05MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

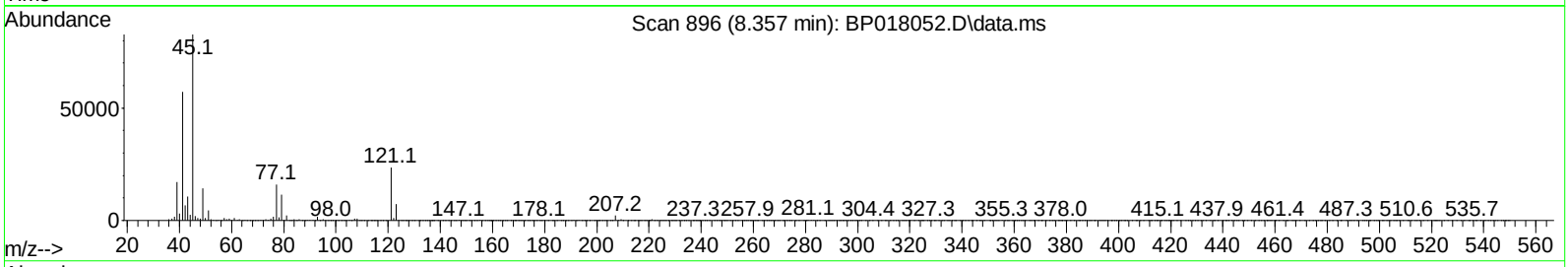
Quant Time: Nov 11 19:57:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

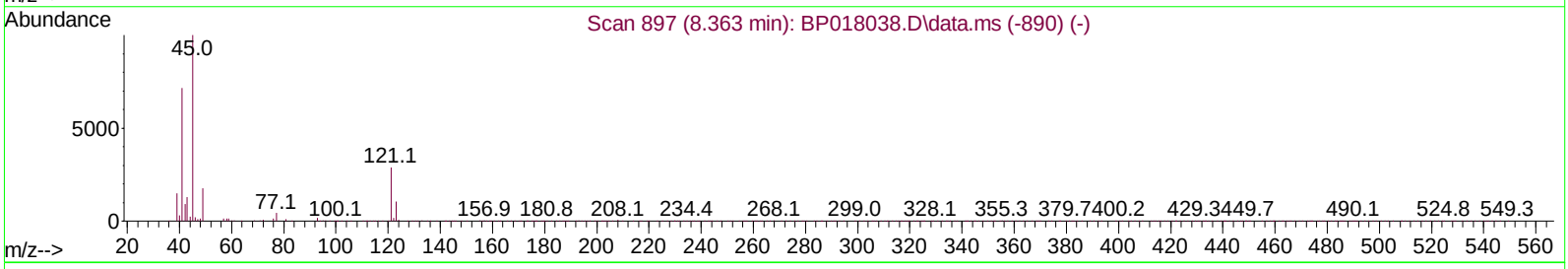
Instrument :
BNA_P
ClientSampleId :
A49B9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018052.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.357min (-0.006) 16.46 ng/ul

response 118879

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.47
79.00	13.90	13.84
0.00	0.00	0.00

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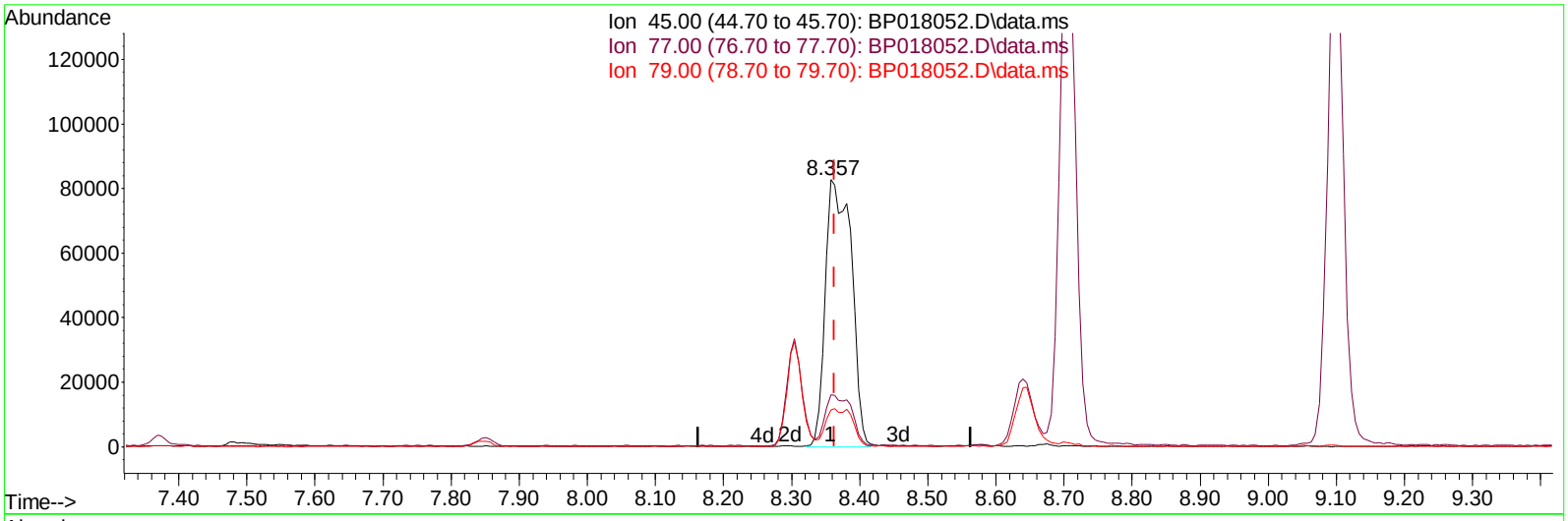

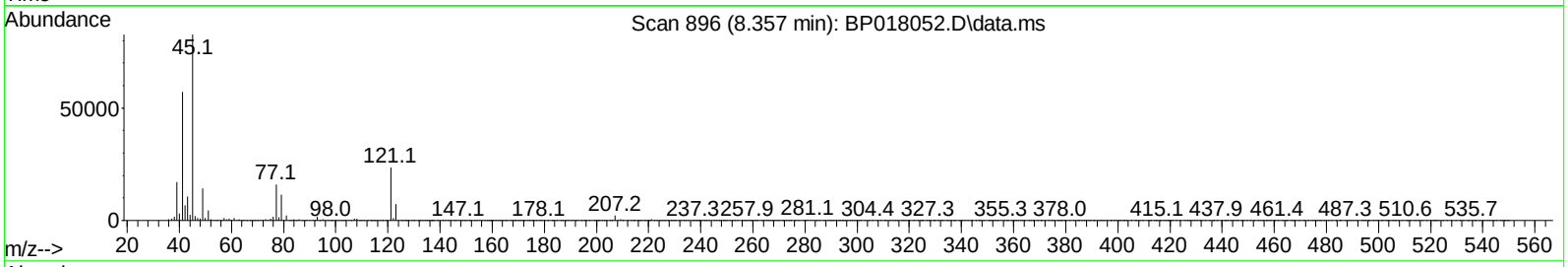

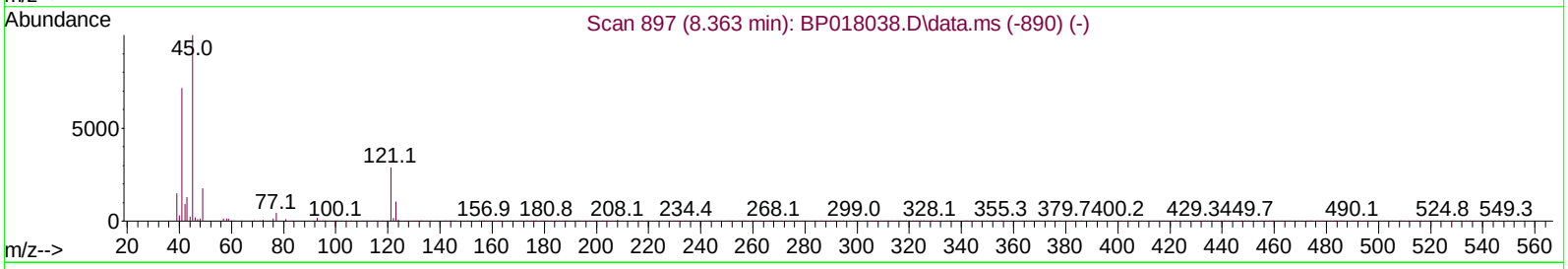

TIC: BP018052.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.357min (-0.006) 30.38 ng/ul m

response 219452

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.47
79.00	13.90	13.84
0.00	0.00	0.00

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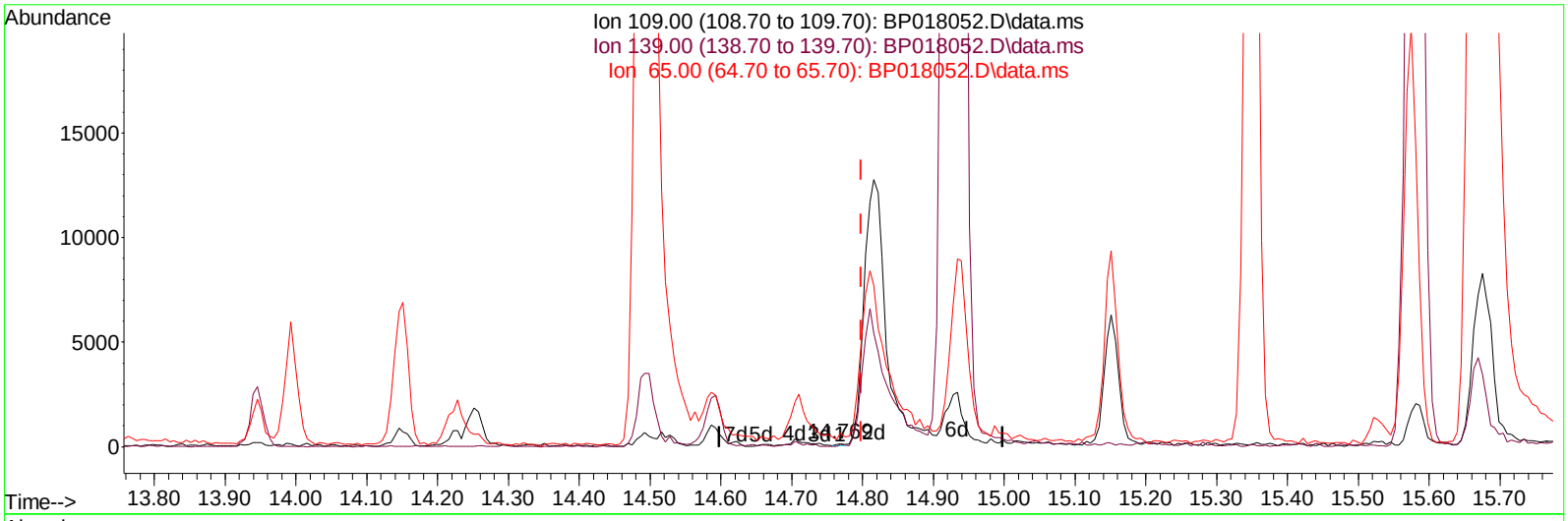

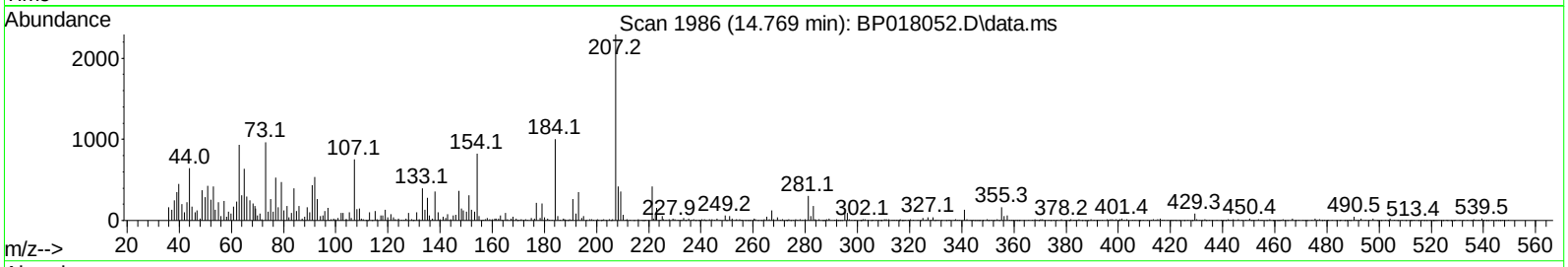

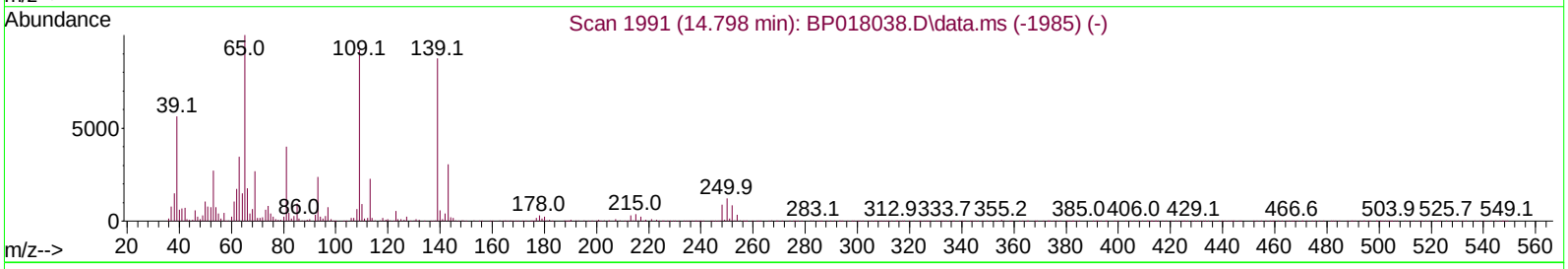

TIC: BP018052.D\data.ms

(55) 4-Nitrophenol

14.769min (-0.029) 0.03 ng/ul

response 92

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	93.60	70.75#
65.00	117.20	436.05#
0.00	0.00	0.00

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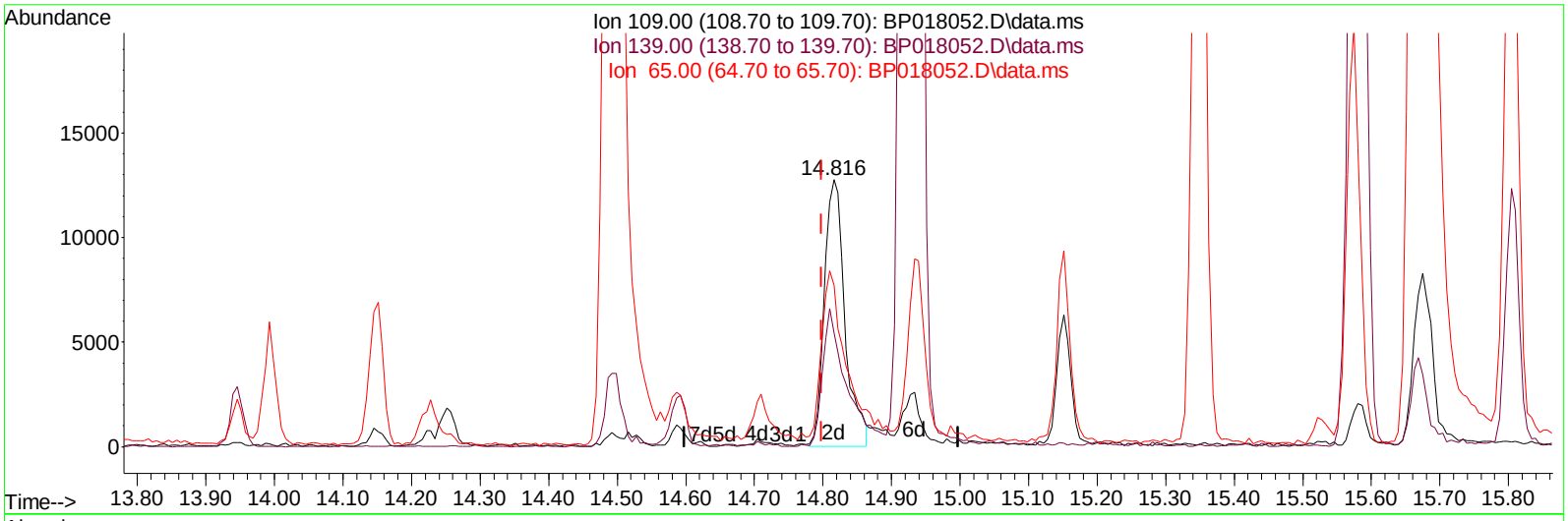

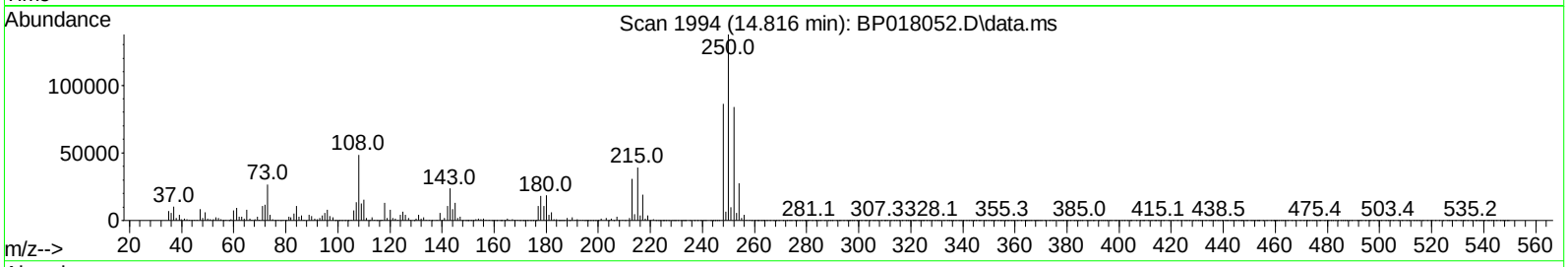

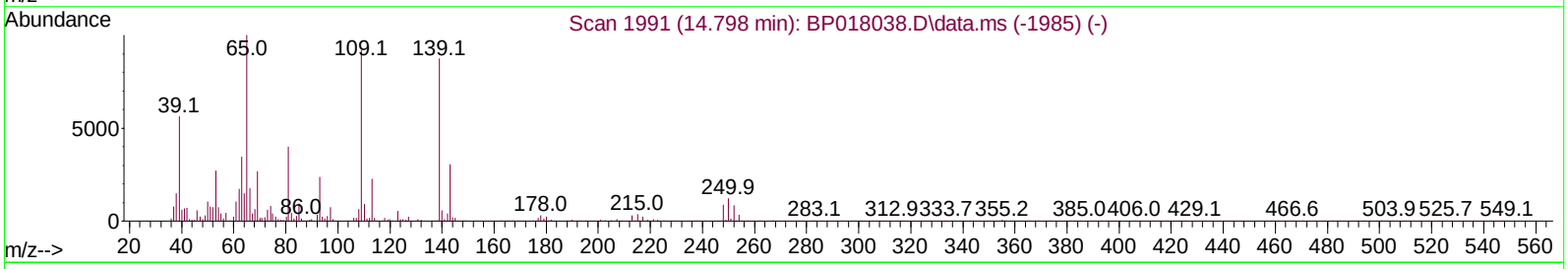

TIC: BP018052.D\data.ms

(55) 4-Nitrophenol

14.816min (+ 0.018) 7.49 ng/ul m

response 26754

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	93.60	42.68#
65.00	117.20	60.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	85617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	348490	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.522	164	195222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	367279	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	339238	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	407784	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	6988	2.879	ng/uL	0.00
4) Pyridine-d5	3.675	84	24345	3.847	ng/ul	0.01
7) Phenol-d5	7.022	99	38936	4.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	133941	27.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	129841	19.836	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	78417	11.578	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	87337	27.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	94509	26.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	155803	24.576	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	84818	9.756	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	502549	27.900	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	546414	27.851	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	44103	16.385	ng/ul	0.04
60) Fluorene-d10	15.528	176	416941	28.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	75858	28.570	ng/ul	0.00
73) Anthracene-d10	17.404	188	576887	29.042	ng/ul	0.00
81) Pyrene-d10	19.657	212	688703	30.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264	745681	31.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	10867	4.103	ng/uL	92
5) Pyridine	3.693	79	33245	5.090	ng/ul	92
6) Benzaldehyde	7.016	77	148272	33.308	ng/ul	99
8) Phenol	7.046	94	47581	5.835	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	191733	30.309	ng/ul	96
12) 2-Chlorophenol	7.405	128	148223	22.554	ng/ul	98
13) 2-Methylphenol	8.304	108	98032	15.912	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.357	45	219452m	30.382	ng/ul	
16) Acetophenone	8.704	105	316336	29.382	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	169631	28.858	ng/ul	98
18) 4-Methylphenol	8.640	108	90377	13.451	ng/ul	97
19) Hexachloroethane	8.899	117	81714	25.987	ng/ul	92
22) Nitrobenzene	9.099	77	267984	31.610	ng/ul	94
23) Isophorone	9.604	82	454747	29.396	ng/ul	99
25) 2-Nitrophenol	9.799	139	108628	29.719	ng/ul	96
26) 2,4-Dimethylphenol	9.840	107	144145	18.539	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.099	93	240299	28.486	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	167043	27.593	ng/ul	98
30) Naphthalene	10.722	128	614749	29.007	ng/ul	99
32) 4-Chloroaniline	10.875	127	96279	11.561	ng/ul	96
33) Hexachlorobutadiene	10.940	225	124640	28.045	ng/ul	96
34) Caprolactam	11.728	113	5614	2.792	ng/ul	97
35) 4-Chloro-3-methylphenol	11.981	107	173362	23.803	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	413253	28.403	ng/ul	99
37) 1-Methylnaphthalene	12.557	142	412538	27.592	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	223432	33.879	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	80724	25.358	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	148379	34.297	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	152965	33.596	ng/ul	94
43) 1,1'-Biphenyl	13.351	154	553632	33.351	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	437265	33.178	ng/ul	98
45) 2-Nitroaniline	13.657	65	150627	35.416	ng/ul	97
47) Dimethylphthalate	13.992	163	558052	31.583	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	116437	33.154	ng/ul	99
50) Acenaphthylene	14.251	152	702279	31.705	ng/ul	99
51) 3-Nitroaniline	14.492	138	80560	24.720	ng/ul	98
52) Acenaphthene	14.592	153	474860	32.330	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	50222	26.213	ng/ul	97
55) 4-Nitrophenol	14.816	109	26754m	7.488	ng/ul	
56) Dibenzofuran	14.928	168	650615	32.324	ng/ul	97
57) 2,4-Dinitrotoluene	14.939	165	160524	30.592	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.151	232	120791	29.822	ng/ul	97
59) Diethylphthalate	15.351	149	554513	30.038	ng/ul	99
61) Fluorene	15.581	166	540264	31.616	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	267228	31.911	ng/ul	99
63) 4-Nitroaniline	15.669	138	93437	30.383	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.698	198	90315	32.780	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	423577	35.961	ng/ul	98
68) 4-Bromophenyl-phenylether	16.481	248	151208	36.528	ng/ul	94
69) Hexachlorobenzene	16.563	284	168512	36.482	ng/ul	95
70) Atrazine	16.763	200	80546	19.603	ng/ul	97
71) Pentachlorophenol	16.933	266	90479	32.270	ng/ul	99
72) Phenanthrene	17.345	178	803151	35.615	ng/ul	99
74) Anthracene	17.439	178	771112	33.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	220545	39.322	ng/uL	96
76) Pentachlorobenzene	14.822	250	201071	36.621	ng/uL	98
77) Carbazole	17.739	167	710688	35.562	ng/ul	99
78) Di-n-butylphthalate	18.239	149	838282	33.060	ng/ul	98
80) Fluoranthene	19.327	202	910559	34.408	ng/ul	100
82) Pyrene	19.686	202	957001	34.511	ng/ul	99
83) Butylbenzylphthalate	20.551	149	393712	33.760	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.363	252	117996	14.559	ng/ul	97
85) Benzo(a)anthracene	21.416	228	976457	35.647	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	525901	32.708	ng/ul	99
87) Chrysene	21.468	228	912744	35.616	ng/ul	96
89) Di-n-octyl phthalate	22.251	149	951213	31.191	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1023804	35.278	ng/ul	98
91) Benzo(k)fluoranthene	23.204	252	1005573	34.440	ng/ul	99
93) Benzo(a)pyrene	23.821	252	974533	35.559	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	1247260	37.945	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	1030223	38.064	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	1011038	38.456	ng/ul	97

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

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