Quantitation Report (Qedit)

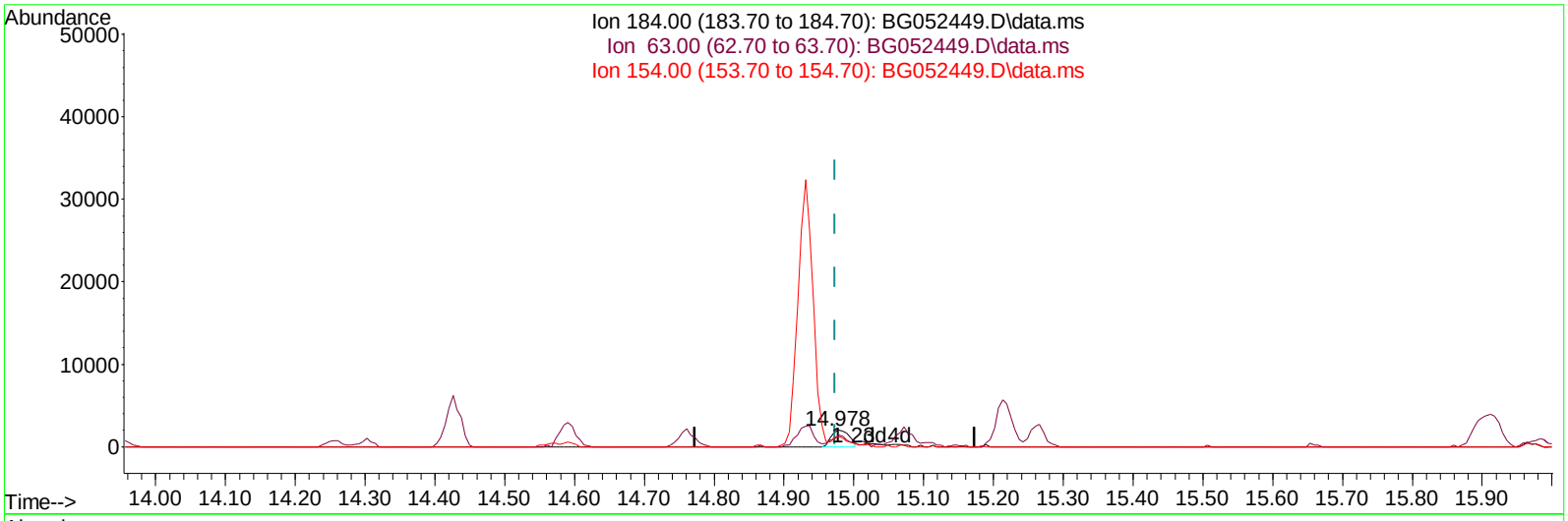
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052449.D
Acq On : 22 Feb 2022 14:06
Operator : CG/JU
Sample : SSTD01008
Misc :
ALS Vial : 4 Sample Multiplier: 1

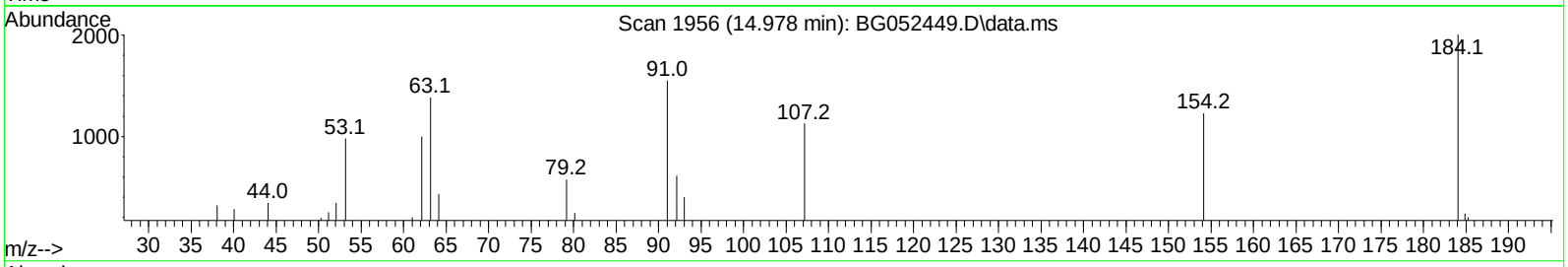
Quant Time: Feb 22 15:25:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 15:23:39 2022
Response via : Initial Calibration

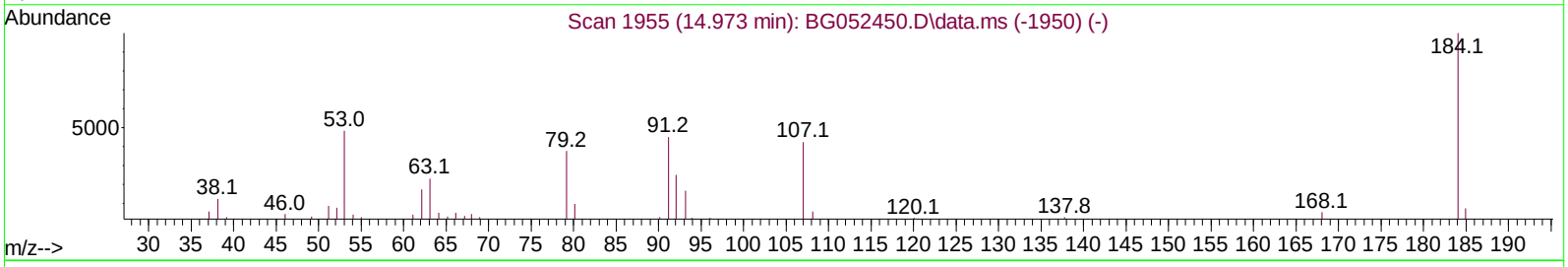
Instrument :
BNA_G
ClientSampleId :
SSTD010408

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022







TIC: BG052449.D\data.ms

(53) 2,4-Dinitrophenol

14.978min (+ 0.005) 5.40 ng/ul

response 3561

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	68.92
154.00	67.00	61.21
0.00	0.00	0.00

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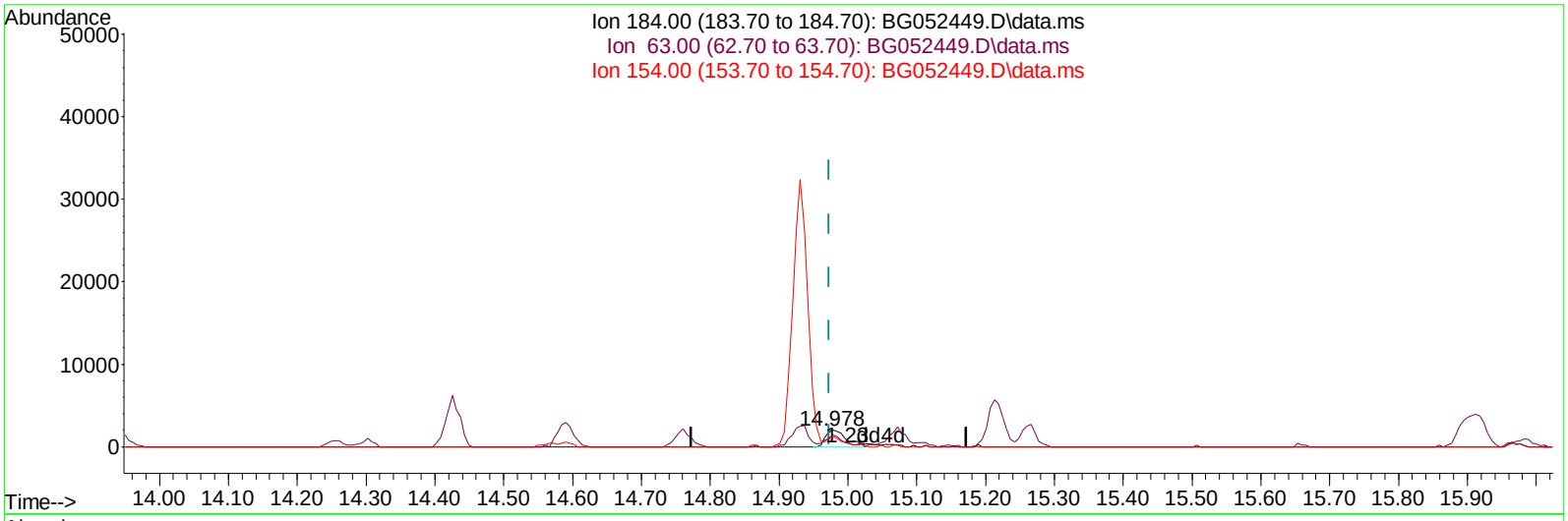

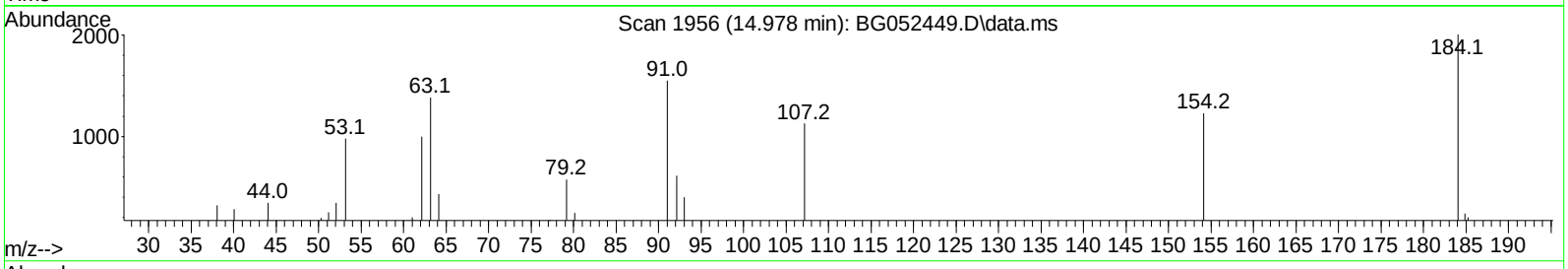

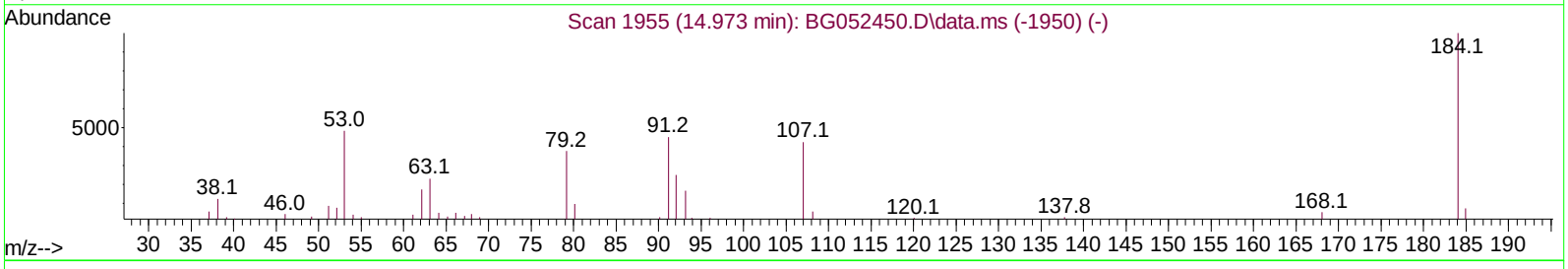

TIC: BG052449.D\data.ms

(53) 2,4-Dinitrophenol

14.978min (+ 0.005) 6.42 ng/ul m

response 4236

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	68.92
154.00	67.00	61.21
0.00	0.00	0.00

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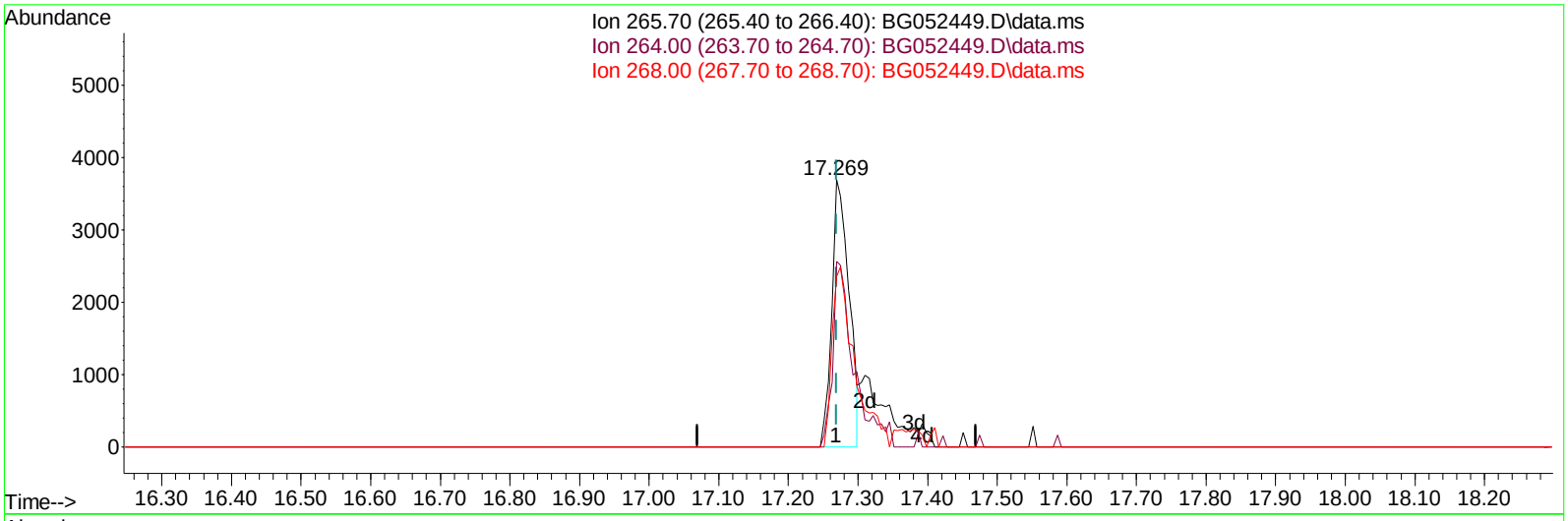

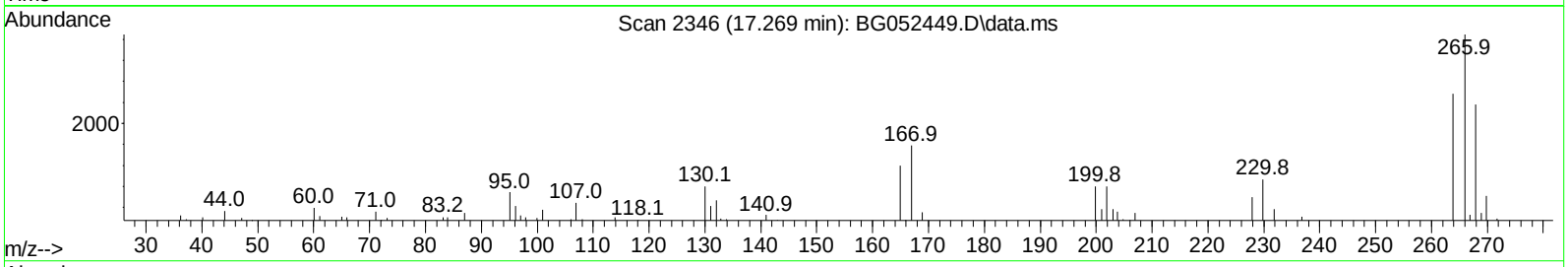

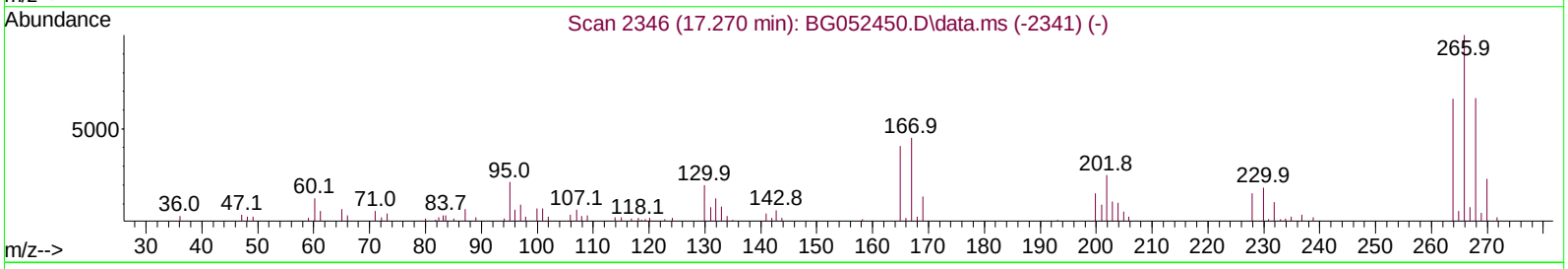

TIC: BG052449.D\data.ms

(71) Pentachlorophenol (C)

17.269min (-0.001) 5.01 ng/ul

response 6323

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	69.54
268.00	63.80	63.90
0.00	0.00	0.00

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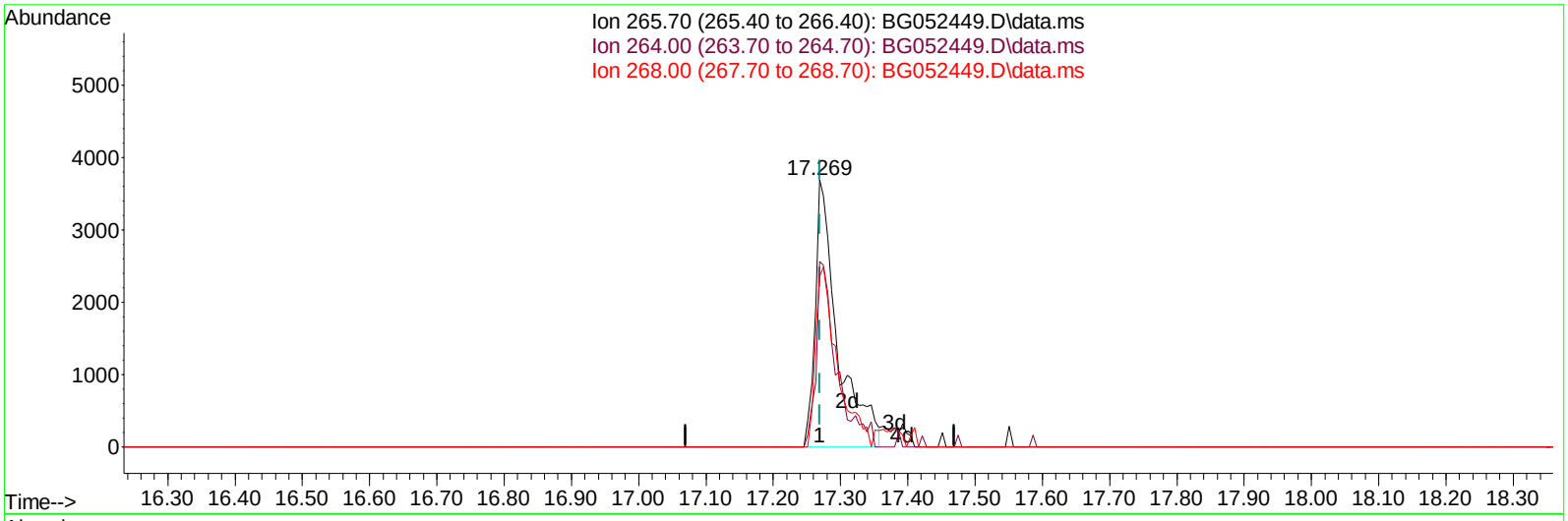

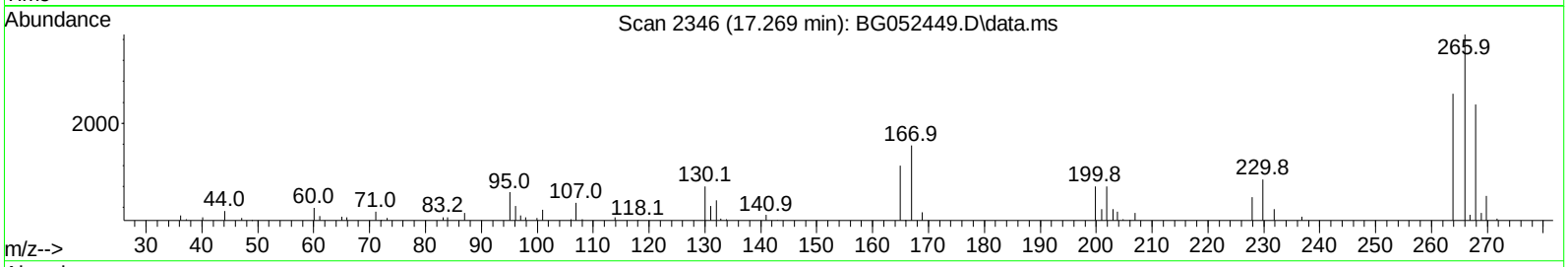

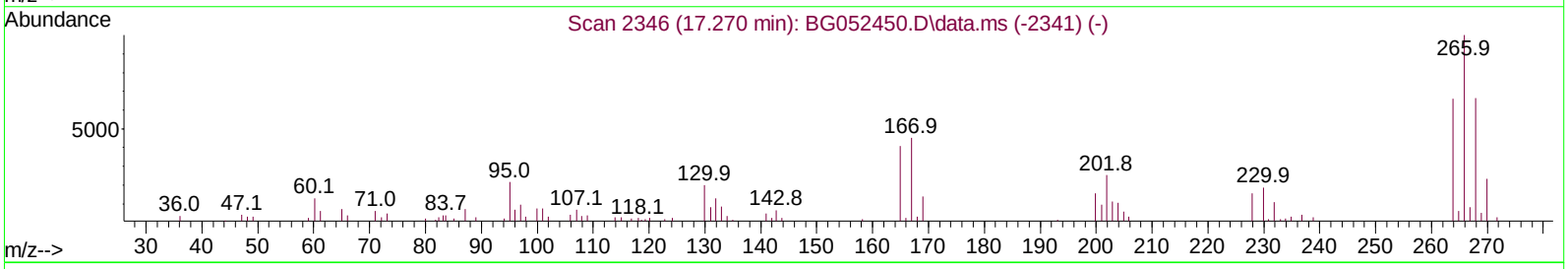

TIC: BG052449.D\data.ms

(71) Pentachlorophenol (C)

17.269min (-0.001) 6.78 ng/ul m

response 8551

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	69.54
268.00	63.80	63.90
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26287	20.000	ng/ul	0.00
20) Naphthalene-d8	11.060	136	110953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.866	164	77277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.616	188	193876	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	203405	20.000	ng/ul	# 0.00
88) Perylene-d12	25.393	264	204528	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	2972	4.561	ng/uL	0.00
4) Pyridine-d5	3.981	84	20142	9.938	ng/ul	0.00
7) Phenol-d5	7.371	99	26152	10.937	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	15470	10.650	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	18801	11.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	19574	10.788	ng/ul	0.00
21) Nitrobenzene-d5	9.391	128	10410	11.523	ng/ul	0.00
24) 2-Nitrophenol-d4	10.126	143	10794	10.934	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	20213	10.503	ng/ul	0.00
31) 4-Chloroaniline-d4	11.189	131	27385	11.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.255	166	68888	11.341	ng/ul	0.00
49) Acenaphthylene-d8	14.561	160	84410	11.149	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	9359	10.173	ng/ul	0.00
60) Fluorene-d10	15.853	176	58976	11.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	11211	9.366	ng/ul	0.00
73) Anthracene-d10	17.715	188	102642	11.230	ng/ul	0.00
81) Pyrene-d10	19.995	212	128053	10.504	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	117836	10.845	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	3523	4.851	ng/uL#	90
5) Pyridine	3.999	79	20806	9.803	ng/ul#	84
6) Benzaldehyde	7.341	77	18833	13.893	ng/ul#	89
8) Phenol	7.394	94	26970	11.255	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.623	93	19812	10.941	ng/ul	95
12) 2-Chlorophenol	7.782	128	19399	11.279	ng/ul	93
13) 2-Methylphenol	8.663	108	19461	10.791	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.745	45	28162	10.889	ng/ul#	95
16) Acetophenone	9.045	105	31804	11.303	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.021	70	19494	11.549	ng/ul	96
18) 4-Methylphenol	8.992	108	20703	10.897	ng/ul	94
19) Hexachloroethane	9.321	117	7709	10.407	ng/ul#	81
22) Nitrobenzene	9.438	77	26251	10.418	ng/ul	96
23) Isophorone	9.961	82	49700	10.659	ng/ul#	99
25) 2-Nitrophenol	10.161	139	11674	10.817	ng/ul	93
26) 2,4-Dimethylphenol	10.208	107	24328	10.932	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.437	93	27312	10.922	ng/ul	97
29) 2,4-Dichlorophenol	10.707	162	19398	10.427	ng/ul	94
30) Naphthalene	11.113	128	67681	11.156	ng/ul#	94
32) 4-Chloroaniline	11.213	127	28473	11.313	ng/ul	94
33) Hexachlorobutadiene	11.400	225	15954	10.513	ng/ul	98
34) Caprolactam	11.953	113	6771	11.222	ng/ul	86
35) 4-Chloro-3-methylphenol	12.329	107	20896	10.414	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.705	142	48307	11.347	ng/ul	90
37) 1-Methylnaphthalene	12.928	142	48969	11.181	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.075	216	30025	10.794	ng/ul	99
40) Hexachlorocyclopentadiene	13.051	237	10083	6.350	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.310	196	17483	10.527	ng/ul	98
42) 2,4,5-Trichlorophenol	13.386	196	18156	10.150	ng/ul	96
43) 1,1'-Biphenyl	13.697	154	67515	11.144	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	51428	11.095	ng/ul	96
45) 2-Nitroaniline	13.944	65	15938	10.212	ng/ul#	88
47) Dimethylphthalate	14.302	163	66885	11.360	ng/ul#	98
48) 2,6-Dinitrotoluene	14.426	165	14962	11.780	ng/ul#	91
50) Acenaphthylene	14.590	152	85949	11.326	ng/ul	96
51) 3-Nitroaniline	14.761	138	13336	12.269	ng/ul	96
52) Acenaphthene	14.931	153	55986	11.254	ng/ul	98
53) 2,4-Dinitrophenol	14.978	184	4236m	6.422	ng/ul	
55) 4-Nitrophenol	15.072	109	9510	9.863	ng/ul	86
56) Dibenzofuran	15.266	168	80348	11.155	ng/ul	100
57) 2,4-Dinitrotoluene	15.213	165	20842	11.447	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.495	232	16579	10.588	ng/ul#	86
59) Diethylphthalate	15.659	149	67571	11.318	ng/ul	99
61) Fluorene	15.912	166	68556	11.469	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.894	204	37358	11.364	ng/ul	89
63) 4-Nitroaniline	15.918	138	14481	13.730	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.988	198	10979	9.631	ng/ul#	84
67) N-Nitrosodiphenylamine	16.106	169	59808	11.252	ng/ul	93
68) 4-Bromophenyl-phenylether	16.793	248	24357	10.407	ng/ul#	86
69) Hexachlorobenzene	16.922	284	27937	10.621	ng/ul#	88
70) Atrazine	17.046	200	26659	11.369	ng/ul	96
71) Pentachlorophenol	17.269	266	8551m	6.780	ng/ul	
72) Phenanthrene	17.657	178	113979	11.159	ng/ul	97
74) Anthracene	17.751	178	115126	11.420	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.674	216	32984	10.190	ng/uL	96
76) Pentachlorobenzene	15.189	250	32273	10.808	ng/uL	95
77) Carbazole	18.015	167	103633	11.795	ng/ul	98
78) Di-n-butylphthalate	18.555	149	121349	11.515	ng/ul	99
80) Fluoranthene	19.660	202	150239	10.465	ng/ul#	90
82) Pyrene	20.024	202	152265	10.834	ng/ul#	91
83) Butylbenzylphthalate	20.894	149	54303	11.046	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.810	252	55850	12.823	ng/ul#	93
85) Benzo(a)anthracene	21.910	228	150835	11.025	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.786	149	72063	10.226	ng/ul#	97
87) Chrysene	21.980	228	146330	11.320	ng/ul	97
89) Di-n-octyl phthalate	23.079	149	126355	10.889	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	157163	11.081	ng/ul#	95
91) Benzo(k)fluoranthene	24.359	252	142255	10.963	ng/ul#	98
93) Benzo(a)pyrene	25.223	252	149249	11.283	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.376	276	166157	11.277	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.453	278	142678	11.678	ng/ul#	94
96) Benzo(g,h,i)perylene	30.633	276	138336	11.029	ng/ul#	85

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

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