Quantitation Report (Qedit)

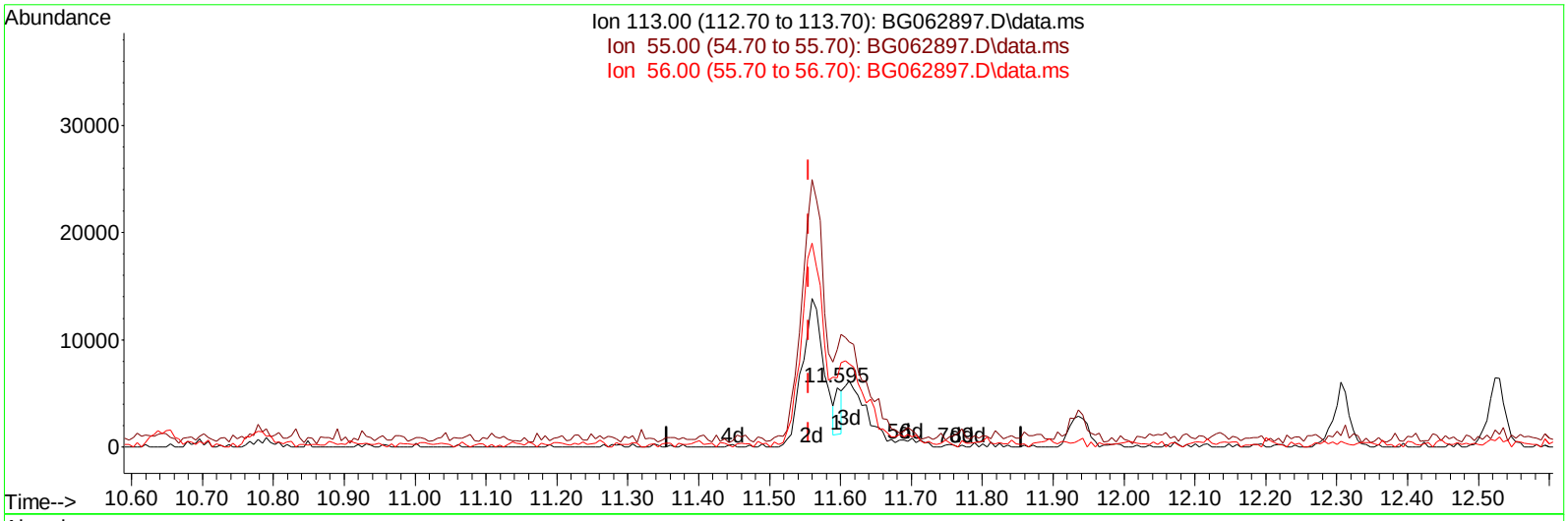
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091724\
Data File : BG062897.D
Acq On : 17 Sep 2024 18:29
Operator : JU/RC
Sample : SSTD04061
Misc :
ALS Vial : 5 Sample Multiplier: 1

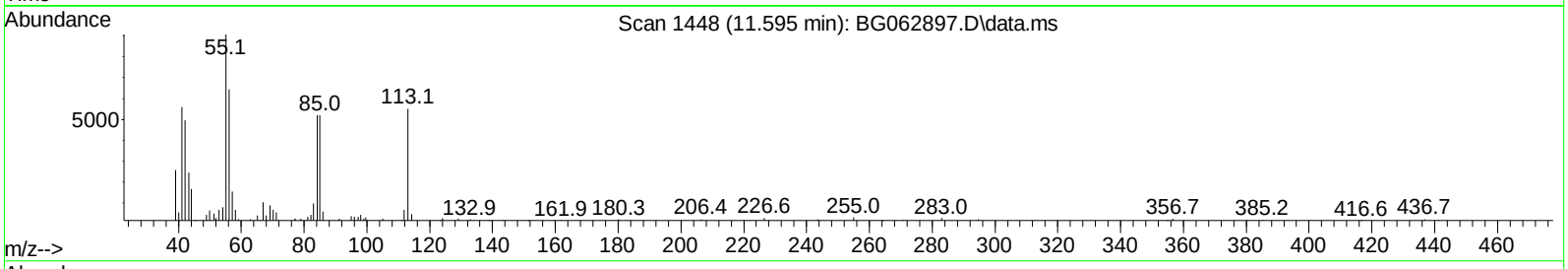
Quant Time: Sep 18 00:23:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:18:08 2024
Response via : Initial Calibration

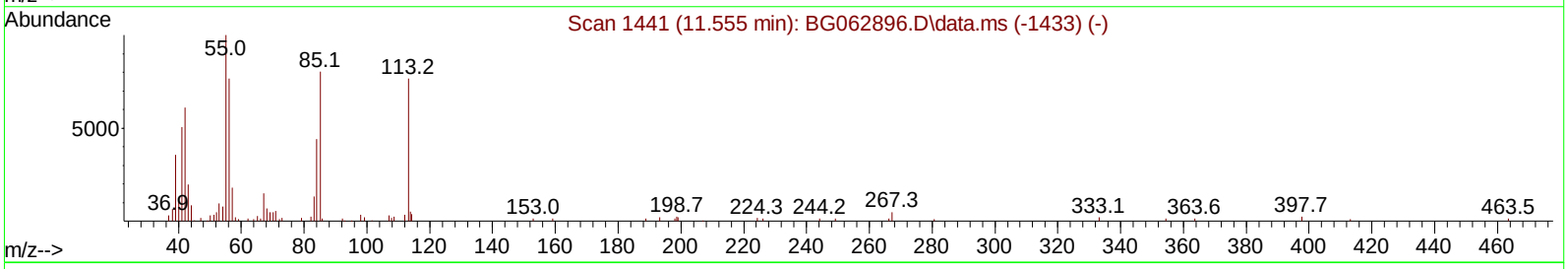
Instrument :
BNA_G
ClientSampleId :
SSTD040448

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024







TIC: BG062897.D\data.ms

(34) Caprolactam

11.595min (+ 0.040) 2.39 ng/ul

response 2968

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	164.66
56.00	100.30	117.12
0.00	0.00	0.00

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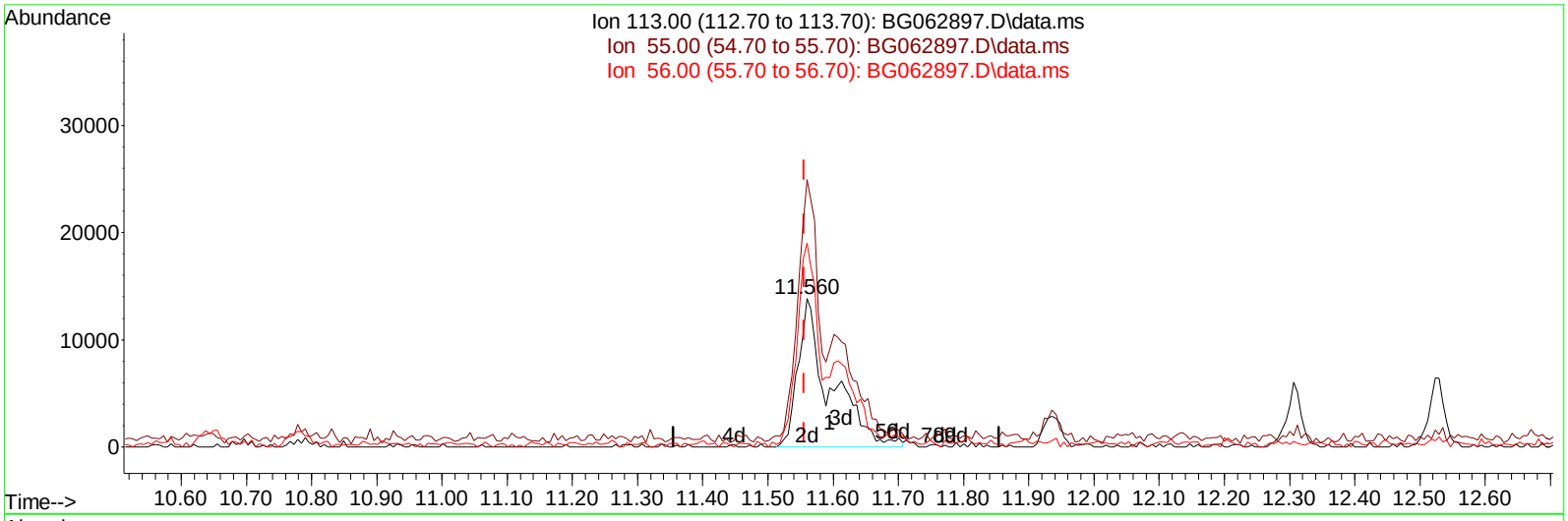

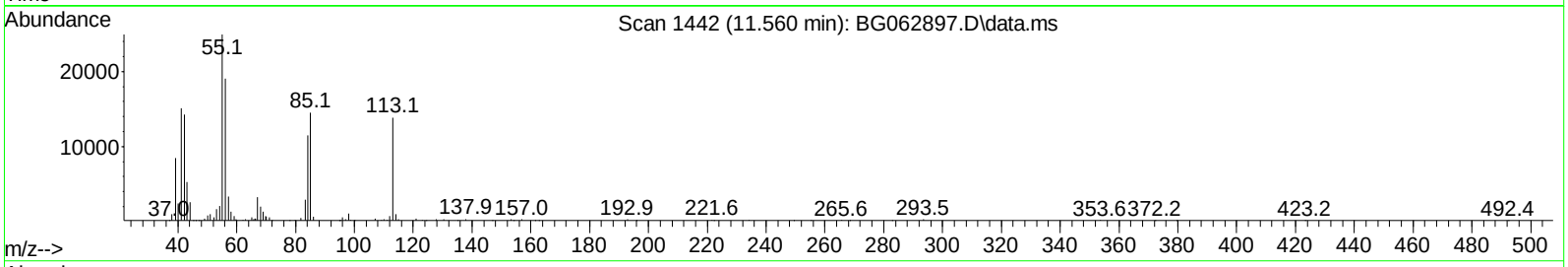

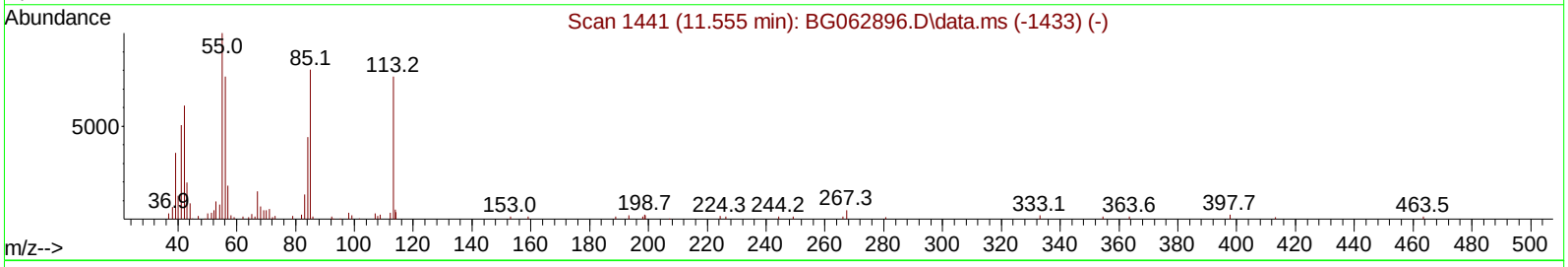

TIC: BG062897.D\data.ms

(34) Caprolactam

11.560min (+ 0.005) 38.67 ng/ul m

response 47923

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	179.75#
56.00	100.30	137.21#
0.00	0.00	0.00

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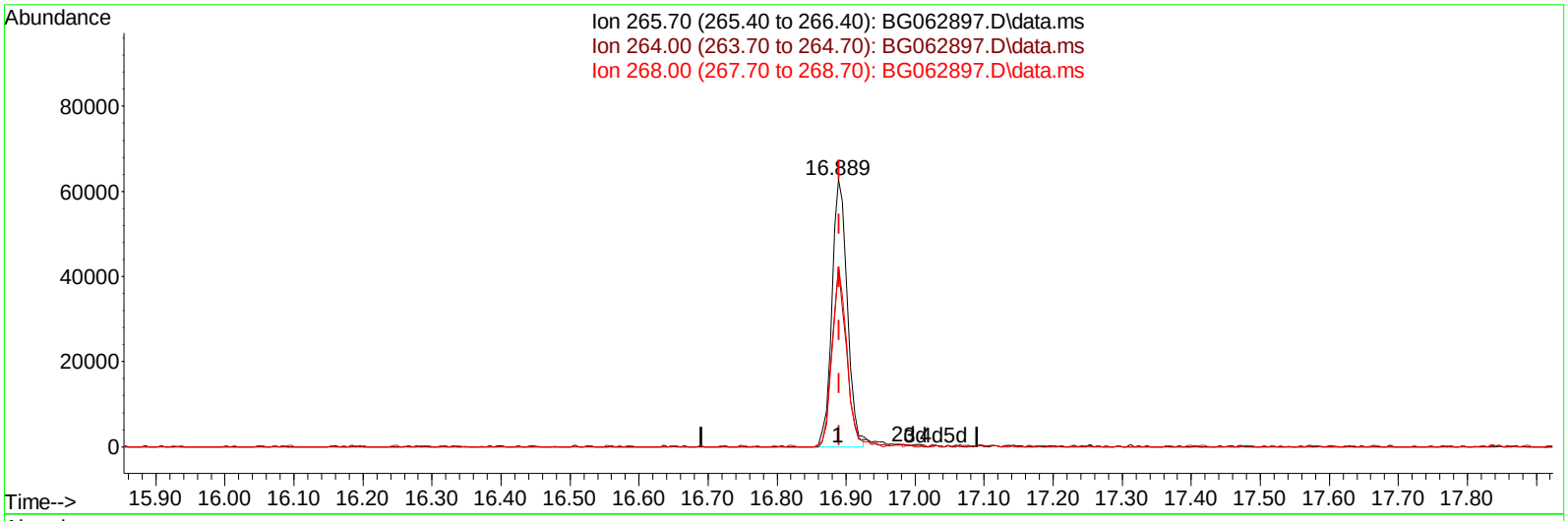

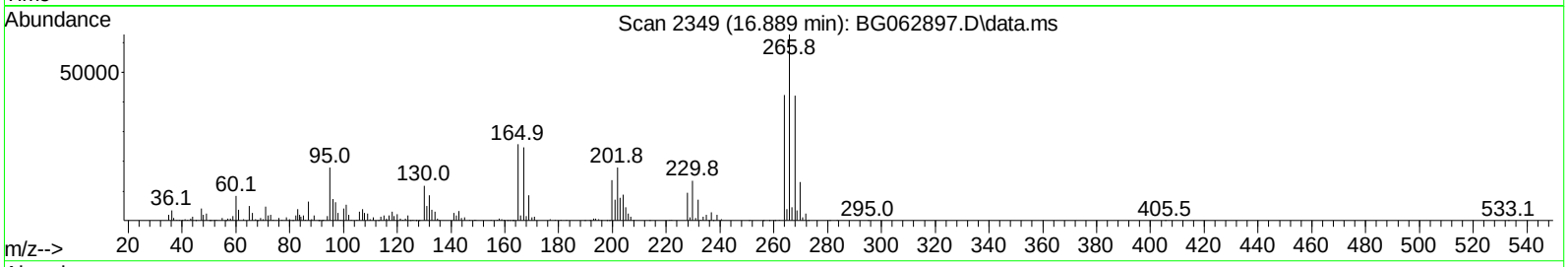

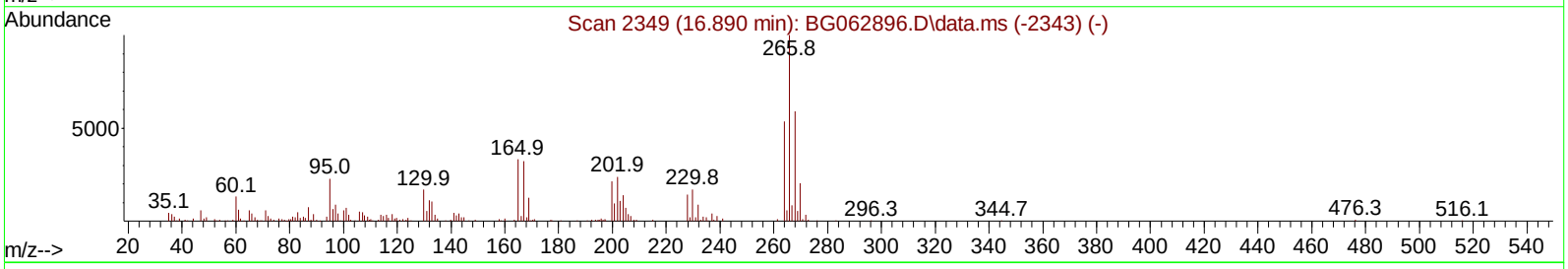

TIC: BG062897.D\data.ms

(71) Pentachlorophenol (C)

16.889min (-0.001) 37.03 ng/ul

response 97729

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	67.52#
268.00	59.00	72.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

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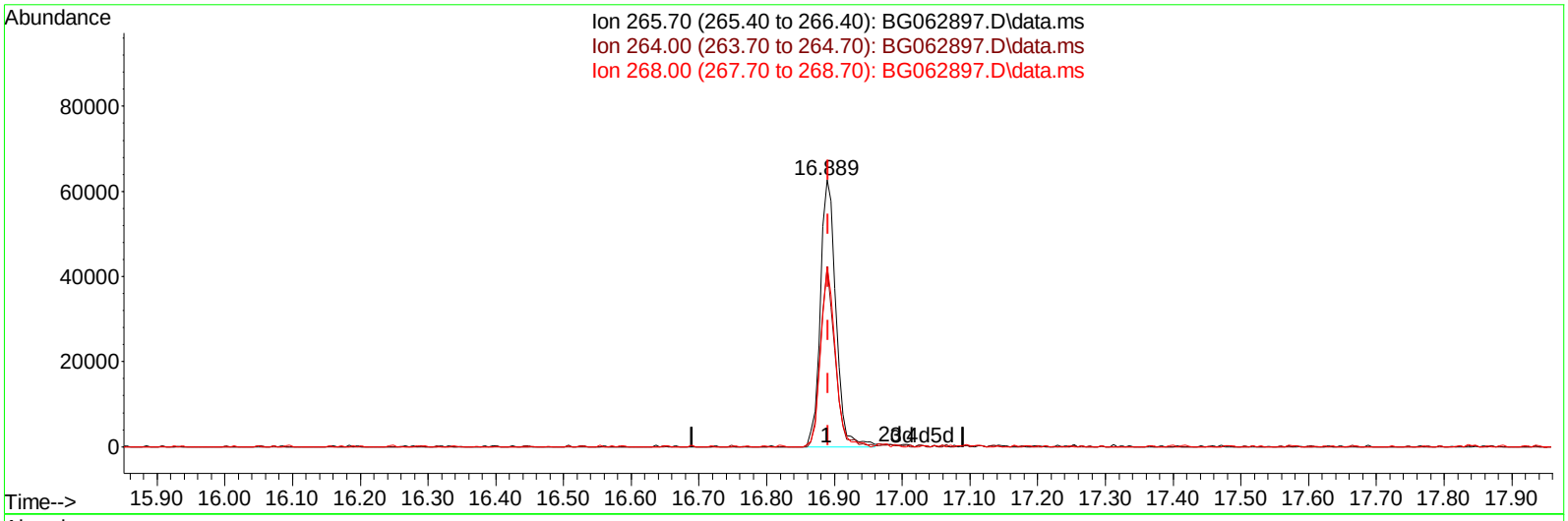

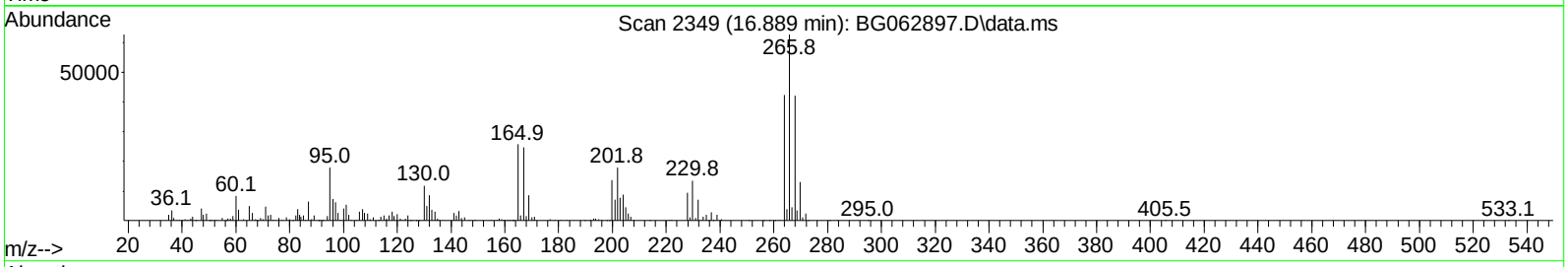

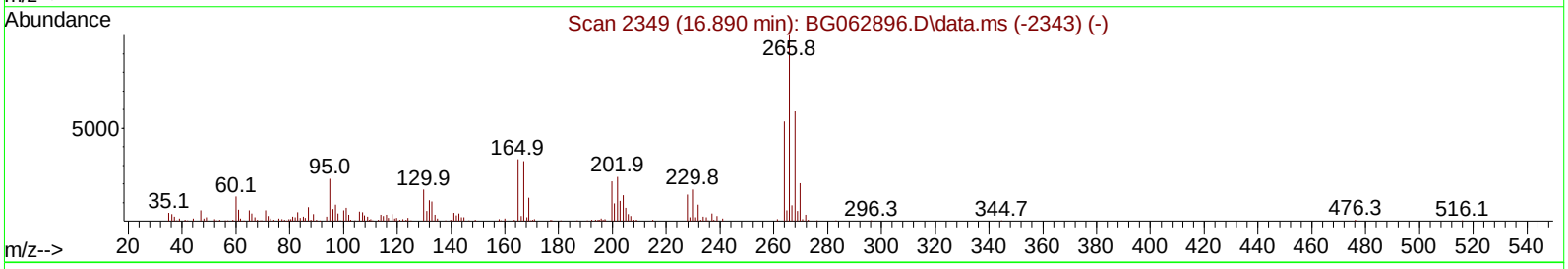

TIC: BG062897.D\data.ms

(71) Pentachlorophenol (C)

16.889min (-0.001) 37.98 ng/ul m

response 100231

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	67.52#
268.00	59.00	67.32
0.00	0.00	0.00

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Acq On : 17 Sep 2024 18:29
Operator : JU/RC
Sample : SSTD04061
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	47213	20.000	ng/ul	0.00
20) Naphthalene-d8	10.643	136	200573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	144720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	335836	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	337184	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	390276	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	24427	23.388	ng/uL	0.00
4) Pyridine-d5	3.734	84	176011	52.941	ng/ul	0.00
7) Phenol-d5	7.030	99	198101	47.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	113258	45.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.394	132	126158	41.835	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	146947	42.593	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	62660	43.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	71819	45.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.273	165	149359	43.746	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	181451	38.663	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	434085	38.951	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	480326	38.807	ng/ul	0.00
54) 4-Nitrophenol-d4	14.697	143	70468	37.222	ng/ul	0.00
60) Fluorene-d10	15.485	176	399257	39.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	82841	42.883	ng/ul	0.00
73) Anthracene-d10	17.335	188	637231	40.205	ng/ul	0.00
81) Pyrene-d10	19.633	212	815928	43.002	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	817402	39.665	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	25548	21.825	ng/uL	86
5) Pyridine	3.757	79	175600	50.357	ng/ul	95
6) Benzaldehyde	6.995	77	115652	50.809	ng/ul	93
8) Phenol	7.053	94	200342	46.552	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.283	93	137371	42.225	ng/ul	92
12) 2-Chlorophenol	7.424	128	128279	41.604	ng/ul	95
13) 2-Methylphenol	8.299	108	141560	43.865	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	169987	29.029	ng/ul	98
16) Acetophenone	8.675	105	223351	39.833	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	126470	43.085	ng/ul#	97
18) 4-Methylphenol	8.628	108	155308	42.776	ng/ul	98
19) Hexachloroethane	8.934	117	55474	44.692	ng/ul#	87
22) Nitrobenzene	9.051	77	187584	48.371	ng/ul	97
23) Isophorone	9.574	82	362956	45.778	ng/ul	99
25) 2-Nitrophenol	9.762	139	78963	45.698	ng/ul	89
26) 2,4-Dimethylphenol	9.827	107	171365	46.412	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.056	93	192793	43.510	ng/ul	92
29) 2,4-Dichlorophenol	10.297	162	142112	42.260	ng/ul	94
30) Naphthalene	10.696	128	434335	40.387	ng/ul#	93
32) 4-Chloroaniline	10.802	127	179924	38.548	ng/ul	99
33) Hexachlorobutadiene	10.984	225	114920	41.022	ng/ul	91
34) Caprolactam	11.560	113	47923m	38.667	ng/ul	
35) 4-Chloro-3-methylphenol	11.936	107	161970	44.154	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.306	142	303055	38.182	ng/ul	93
37) 1-Methylnaphthalene	12.529	142	306712	37.725	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.676	216	206564	41.518	ng/ul	96
40) Hexachlorocyclopentadiene	12.659	237	114435	44.952	ng/ul	98
41) 2,4,6-Trichlorophenol	12.917	196	129402	42.939	ng/ul#	91
42) 2,4,5-Trichlorophenol	12.993	196	136072	42.055	ng/ul	98
43) 1,1'-Biphenyl	13.323	154	431878	42.437	ng/ul	98
44) 2-Chloronaphthalene	13.364	162	350229	42.322	ng/ul	99
45) 2-Nitroaniline	13.563	65	122295	53.856	ng/ul	97
47) Dimethylphthalate	13.945	163	432644	37.696	ng/ul	98
48) 2,6-Dinitrotoluene	14.063	165	85017	42.046	ng/ul#	87
50) Acenaphthylene	14.210	152	507415	38.831	ng/ul	98
51) 3-Nitroaniline	14.392	138	79349	39.197	ng/ul#	95
52) Acenaphthene	14.550	153	362357	39.148	ng/ul	96
53) 2,4-Dinitrophenol	14.603	184	48538	36.353	ng/ul	88
55) 4-Nitrophenol	14.715	109	79241	46.564	ng/ul	96
56) Dibenzofuran	14.891	168	534406	38.865	ng/ul	99
57) 2,4-Dinitrotoluene	14.856	165	132360	41.868	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.115	232	122727	37.428	ng/ul	95
59) Diethylphthalate	15.314	149	439636	38.830	ng/ul	97
61) Fluorene	15.538	166	406969	37.676	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.532	204	223001	35.195	ng/ul	94
63) 4-Nitroaniline	15.561	138	78644	36.101	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.620	198	88672	44.282	ng/ul	99
67) N-Nitrosodiphenylamine	15.749	169	378451	43.940	ng/ul	98
68) 4-Bromophenyl-phenylether	16.425	248	154666	40.022	ng/ul	94
69) Hexachlorobenzene	16.548	284	171964	38.973	ng/ul	98
70) Atrazine	16.701	200	159357	41.542	ng/ul	95
71) Pentachlorophenol	16.889	266	100231m	37.978	ng/ul	
72) Phenanthrene	17.283	178	704881	40.361	ng/ul	99
74) Anthracene	17.371	178	742269	41.690	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.287	216	208998	45.570	ng/ul	94
76) Pentachlorobenzene	14.815	250	216961	42.690	ng/ul	99
77) Carbazole	17.641	167	604153	40.919	ng/ul	99
78) Di-n-butylphthalate	18.205	149	758696	43.450	ng/ul	99
80) Fluoranthene	19.298	202	894480	42.565	ng/ul	98
82) Pyrene	19.662	202	933799	41.280	ng/ul	98
83) Butylbenzylphthalate	20.555	149	334702	49.842	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.390	252	324089	45.654	ng/ul	95
85) Benzo(a)anthracene	21.466	228	960135	40.942	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149	475058	48.044	ng/ul	97
87) Chrysene	21.531	228	895535	40.252	ng/ul	98
89) Di-n-octyl phthalate	22.535	149	853115	46.994	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	938470	38.947	ng/ul	100
91) Benzo(k)fluoranthene	23.628	252	941906	38.176	ng/ul	99
93) Benzo(a)pyrene	24.386	252	882664	38.837	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.952	276	1088664	38.878	ng/ul	96
95) Dibenzo(a,h)anthracene	28.005	278	870140	38.686	ng/ul	98
96) Benzo(g,h,i)perylene	29.016	276	833933	38.560	ng/ul	97

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

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