Quantitation Report (Qedit)

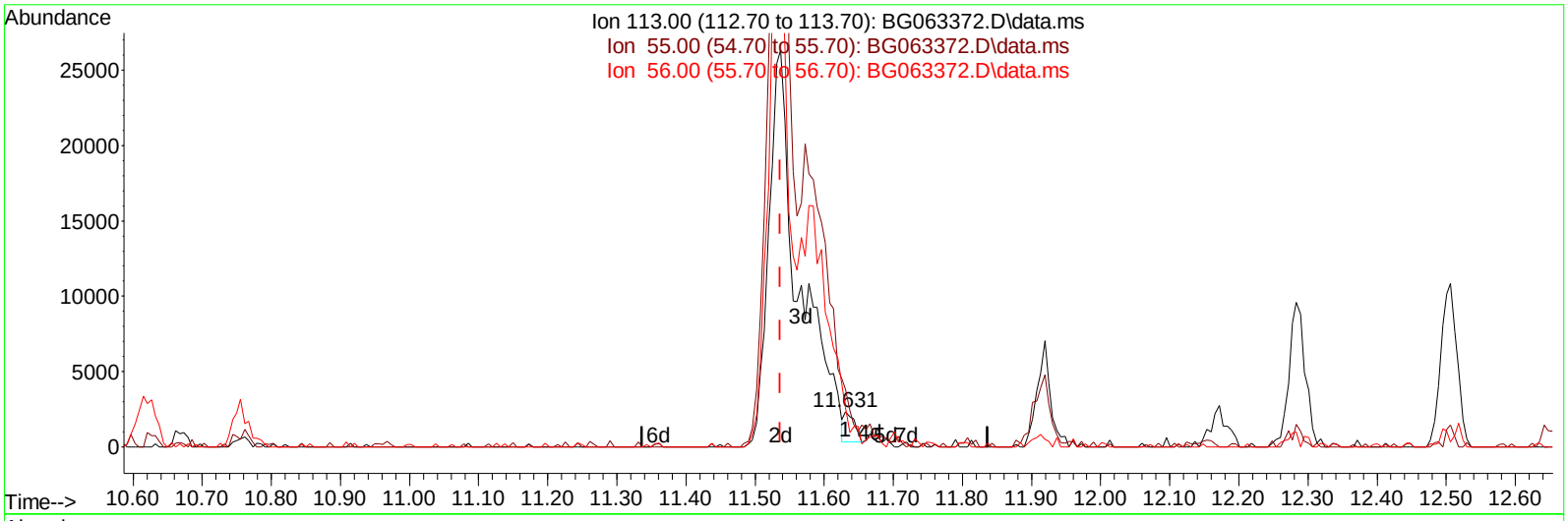
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063372.D
Acq On : 14 Nov 2024 2:17
Operator : RC/JU
Sample : PB164922BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

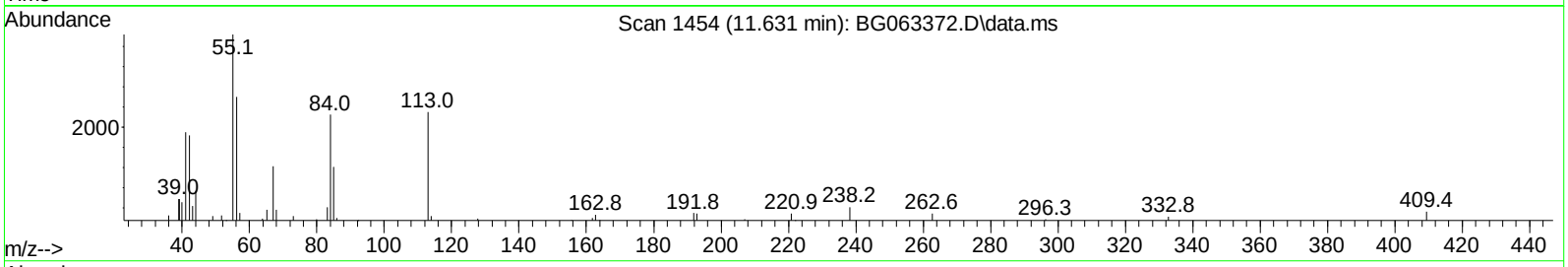
Quant Time: Nov 14 03:34:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

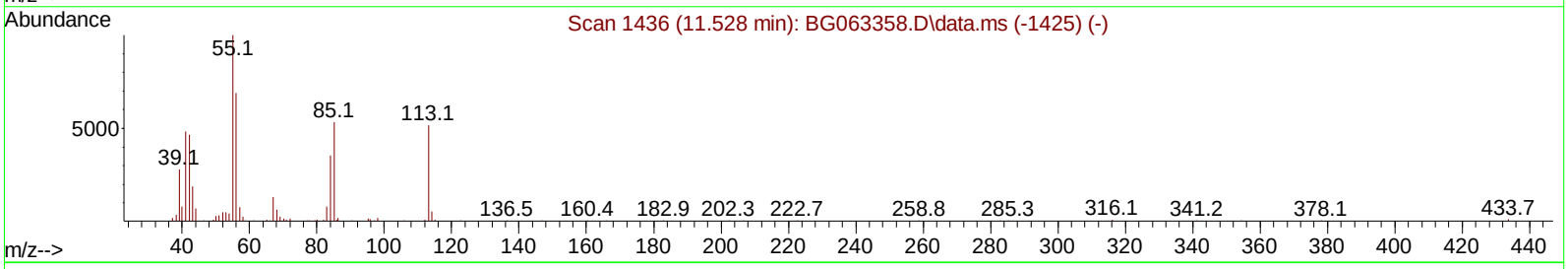
Instrument :
BNA_G
ClientSampleId :
SLCS922

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063372.D\data.ms

(34) Caprolactam

11.631min (+ 0.094) 0.61 ng/ul

response 2040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	166.35
56.00	105.40	112.60
0.00	0.00	0.00

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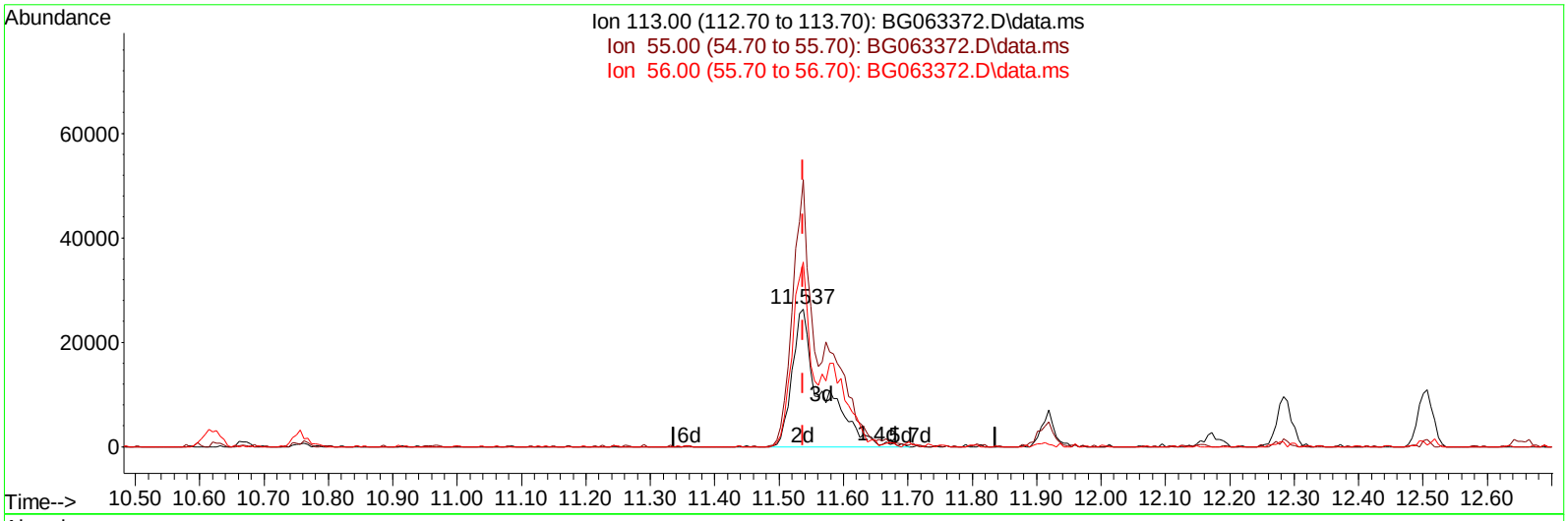

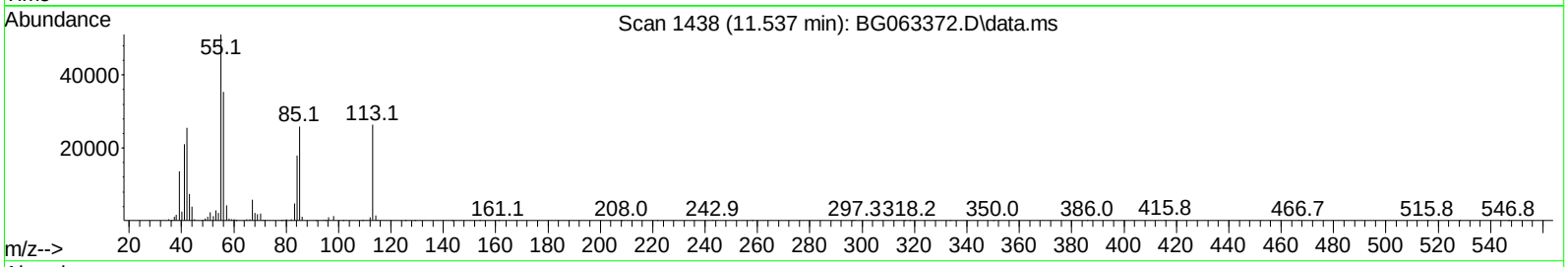

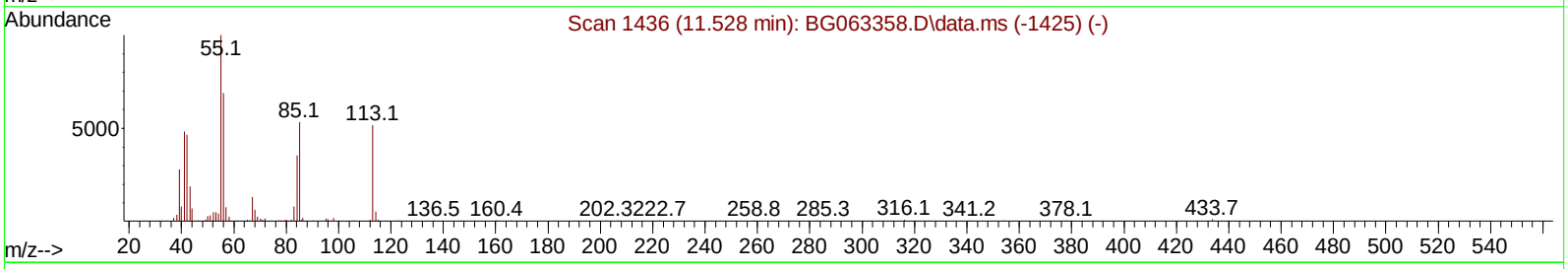

TIC: BG063372.D\data.ms

(34) Caprolactam

11.537min (+ 0.000) 25.38 ng/ul m

response 85484

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	193.81#
56.00	105.40	134.16#
0.00	0.00	0.00

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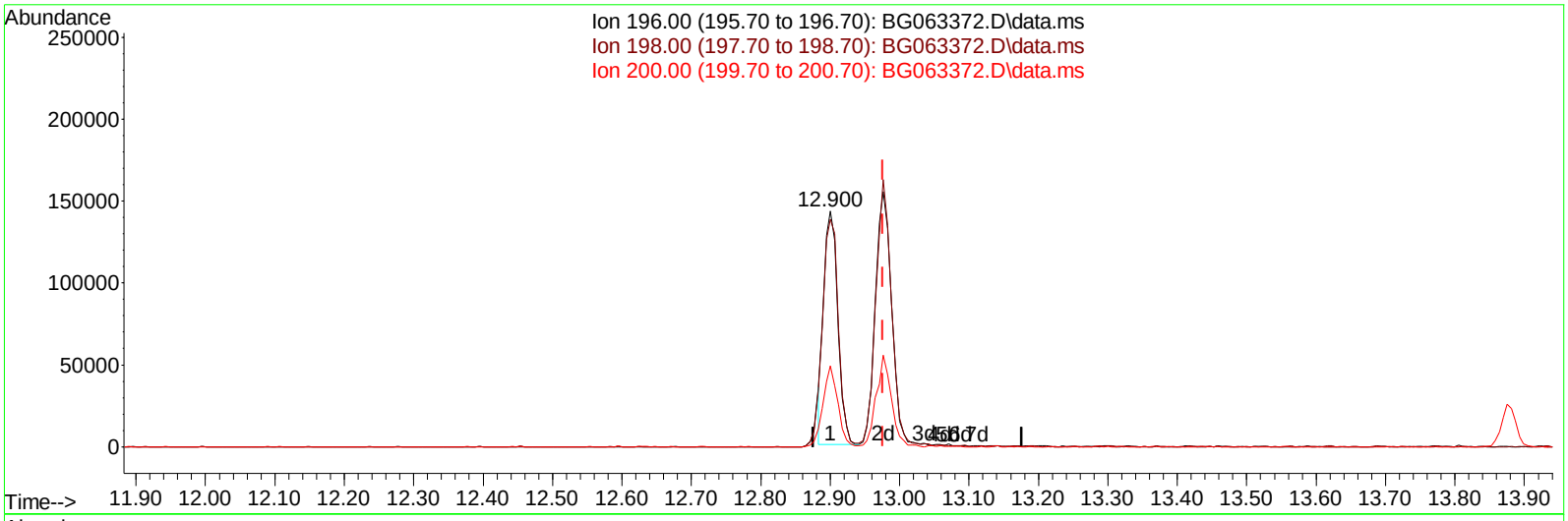

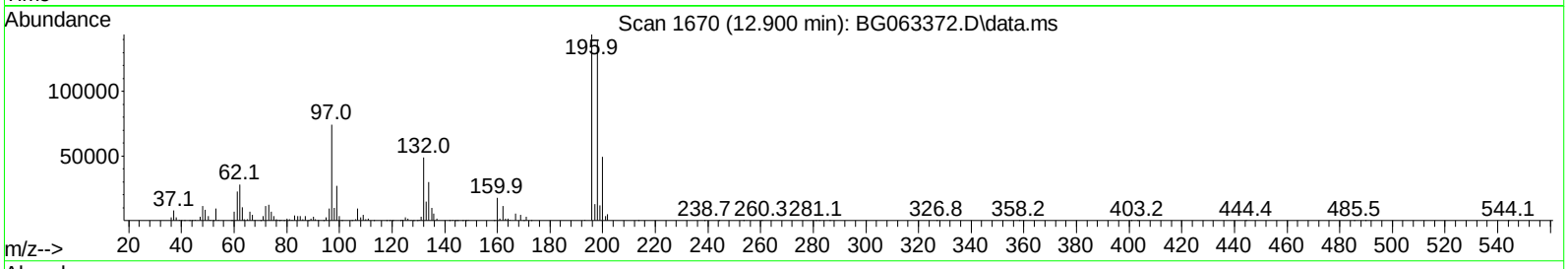

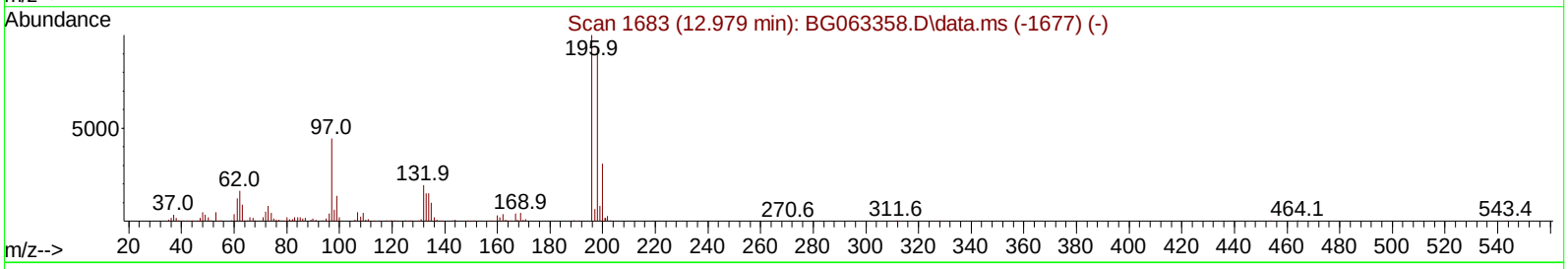

TIC: BG063372.D\data.ms

(42) 2,4,5-Trichlorophenol

12.900min (-0.076) 24.02 ng/ul

response 203136

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	96.62
200.00	28.60	34.26
0.00	0.00	0.00

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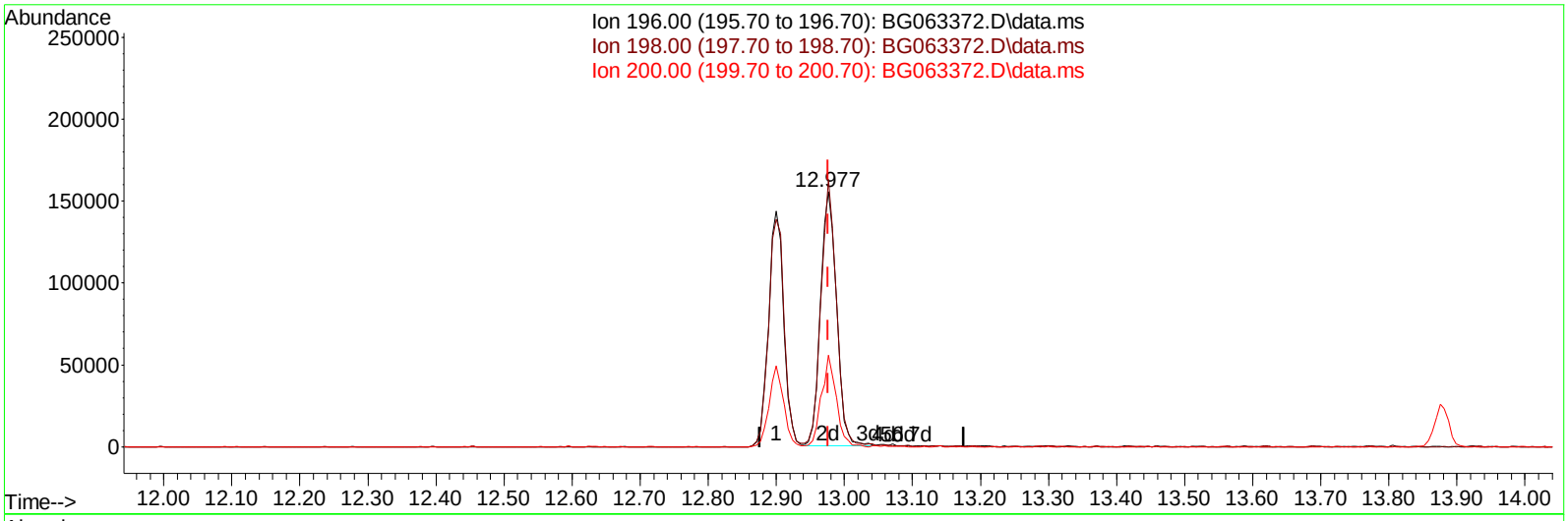

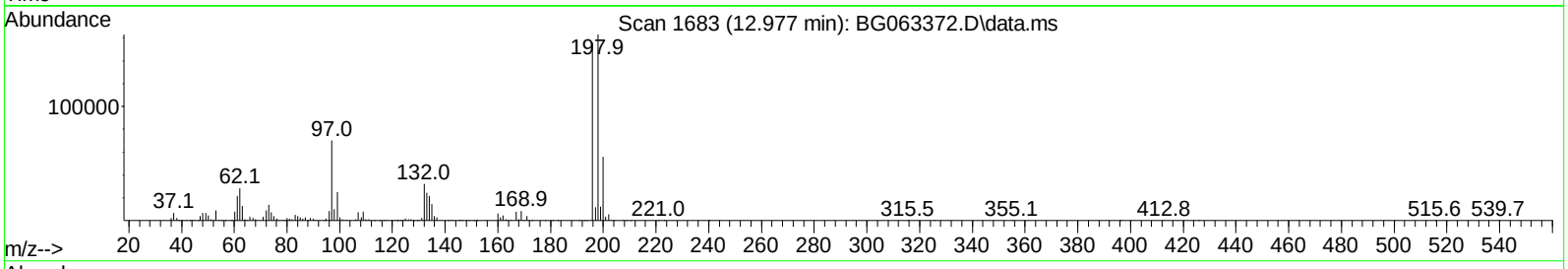

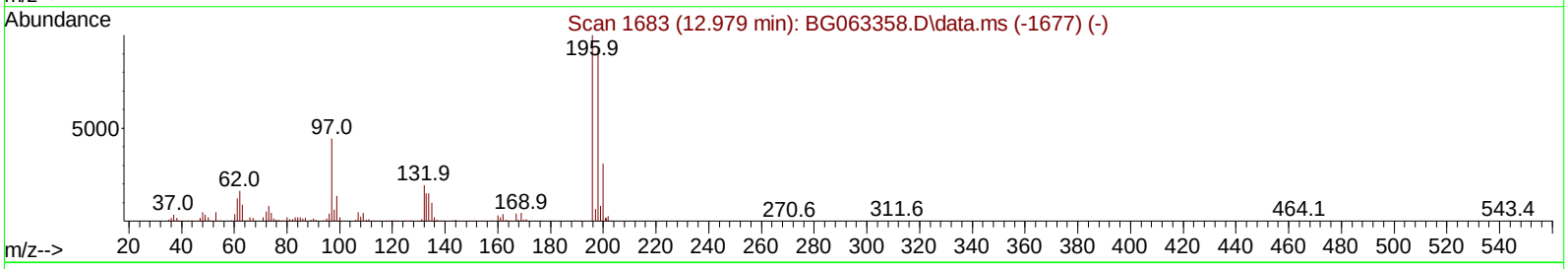

TIC: BG063372.D\data.ms

(42) 2,4,5-Trichlorophenol

12.977min (+ 0.000) 30.04 ng/ul m

response 254068

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	104.56
200.00	28.60	35.85#
0.00	0.00	0.00

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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	7.830	152	112738	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	482111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	409865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1031227	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.478	240	1078839	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1130786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	14170	5.683	ng/uL	-0.01
4) Pyridine-d5	3.705	84	220361	26.741	ng/ul	0.00
7) Phenol-d5	7.007	99	301606	29.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	175683	29.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	208568	31.587	ng/ul	0.00
15) 4-Methylphenol-d8	8.541	113	250444	29.045	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	110232	32.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	132273	30.195	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.250	165	265877	30.928	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	280602	25.060	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	876783	27.310	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	971752	30.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	139491	31.734	ng/ul	0.00
60) Fluorene-d10	15.468	176	808502	29.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	199763	30.823	ng/ul	0.00
73) Anthracene-d10	17.324	188	1387194	31.299	ng/ul	0.00
81) Pyrene-d10	19.622	212	1803114	33.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1768172	32.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	31283	10.192	ng/uL	92
5) Pyridine	3.723	79	218989	26.045	ng/ul	96
6) Benzaldehyde	6.972	77	116159	20.660	ng/ul	95
8) Phenol	7.036	94	308096	27.791	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.254	93	208283	27.625	ng/ul	87
12) 2-Chlorophenol	7.401	128	212977	30.154	ng/ul	97
13) 2-Methylphenol	8.276	108	234237	28.926	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.353	45	307649	32.283	ng/ul	97
16) Acetophenone	8.646	105	377728	27.208	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.635	70	217393	26.845	ng/ul	97
18) 4-Methylphenol	8.605	108	261620	28.412	ng/ul	96
19) Hexachloroethane	8.905	117	86264	30.140	ng/ul	90
22) Nitrobenzene	9.028	77	316832	30.316	ng/ul	98
23) Isophorone	9.551	82	596376	27.038	ng/ul	98
25) 2-Nitrophenol	9.739	139	139079	32.117	ng/ul	93
26) 2,4-Dimethylphenol	9.804	107	231353	24.493	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.033	93	314474	29.575	ng/ul#	95
29) 2,4-Dichlorophenol	10.274	162	248655	30.681	ng/ul#	94
30) Naphthalene	10.673	128	746401	30.257	ng/ul	98
32) 4-Chloroaniline	10.779	127	212179	19.799	ng/ul	100
33) Hexachlorobutadiene	10.961	225	206750	26.655	ng/ul	98
34) Caprolactam	11.537	113	85484m	25.378	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	273962	28.172	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	548784	28.068	ng/ul	97
37) 1-Methylnaphthalene	12.507	142	552543	27.177	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.659	216	420225	29.084	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	160485	20.342	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	225399	28.901	ng/ul	99
42) 2,4,5-Trichlorophenol	12.977	196	254068m	30.042	ng/ul	
43) 1,1'-Biphenyl	13.300	154	805882	31.019	ng/ul	98
44) 2-Chloronaphthalene	13.341	162	625721	30.937	ng/ul	98
45) 2-Nitroaniline	13.547	65	217313	31.497	ng/ul	94
47) Dimethylphthalate	13.928	163	819202	26.612	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	176620	29.983	ng/ul	98
50) Acenaphthylene	14.193	152	967642	30.913	ng/ul	97
51) 3-Nitroaniline	14.375	138	159149	30.952	ng/ul	100
52) Acenaphthene	14.534	153	681041	30.398	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	111004	28.582	ng/ul	92
55) 4-Nitrophenol	14.698	109	158889	27.812	ng/ul	95
56) Dibenzofuran	14.868	168	1016972	29.653	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	268219	28.789	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	229077	26.154	ng/ul#	96
59) Diethylphthalate	15.297	149	850724	26.955	ng/ul	99
61) Fluorene	15.521	166	847429	29.195	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	511972	27.445	ng/ul	95
63) 4-Nitroaniline	15.544	138	183816	35.321	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.609	198	213712	31.774	ng/ul	96
67) N-Nitrosodiphenylamine	15.732	169	725312	31.528	ng/ul	99
68) 4-Bromophenyl-phenylether	16.414	248	366175	31.061	ng/ul	98
69) Hexachlorobenzene	16.531	284	379737	30.236	ng/ul	95
70) Atrazine	16.678	200	157453	12.511	ng/ul	99
71) Pentachlorophenol	16.878	266	155519	24.700	ng/ul	95
72) Phenanthrene	17.266	178	1496800	31.768	ng/ul	99
74) Anthracene	17.354	178	1501547	31.109	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.264	216	436509	32.734	ng/ul	99
76) Pentachlorobenzene	14.792	250	428196	30.111	ng/ul	92
77) Carbazole	17.630	167	1300354	32.450	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1500263	32.913	ng/ul	99
80) Fluoranthene	19.287	202	1947183	33.304	ng/ul#	98
82) Pyrene	19.651	202	2012341	32.472	ng/ul#	96
83) Butylbenzylphthalate	20.544	149	654844	36.156	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.378	252	700676	30.204	ng/ul#	99
85) Benzo(a)anthracene	21.461	228	2160104	31.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	943743	35.774	ng/ul	97
87) Chrysene	21.520	228	1993998	31.341	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	1632600	36.637	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2160288	31.752	ng/ul	97
91) Benzo(k)fluoranthene	23.617	252	2140004	31.579	ng/ul	99
93) Benzo(a)pyrene	24.369	252	1954966	31.064	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.936	276	2427565	31.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.983	278	2015451	32.024	ng/ul#	98
96) Benzo(g,h,i)perylene	28.999	276	1880534	32.131	ng/ul	97

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

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