Quantitation Report (Qedit)

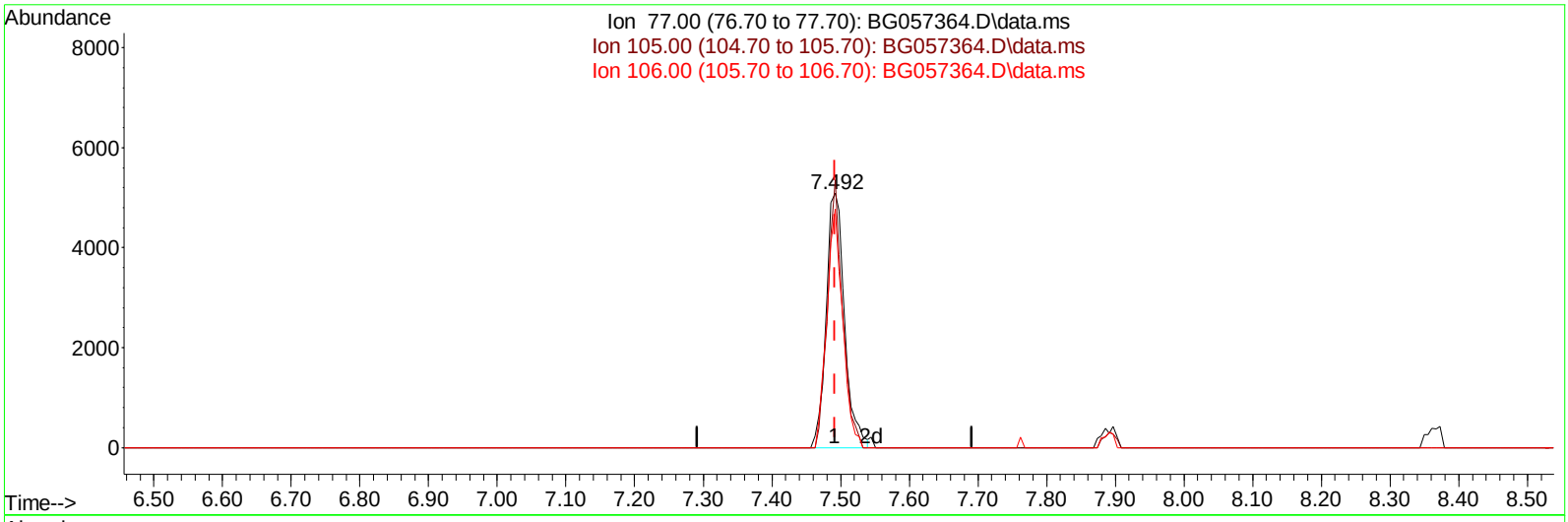
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057364.D
Acq On : 10 May 2023 10:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

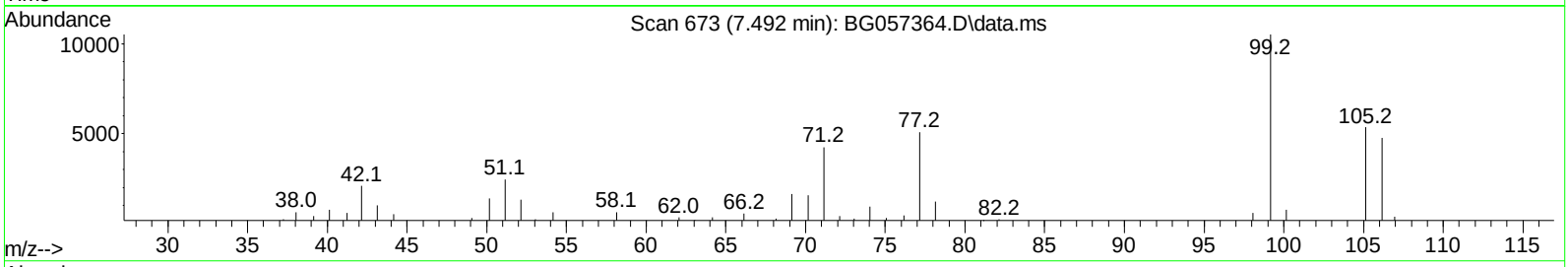
Quant Time: May 10 23:38:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

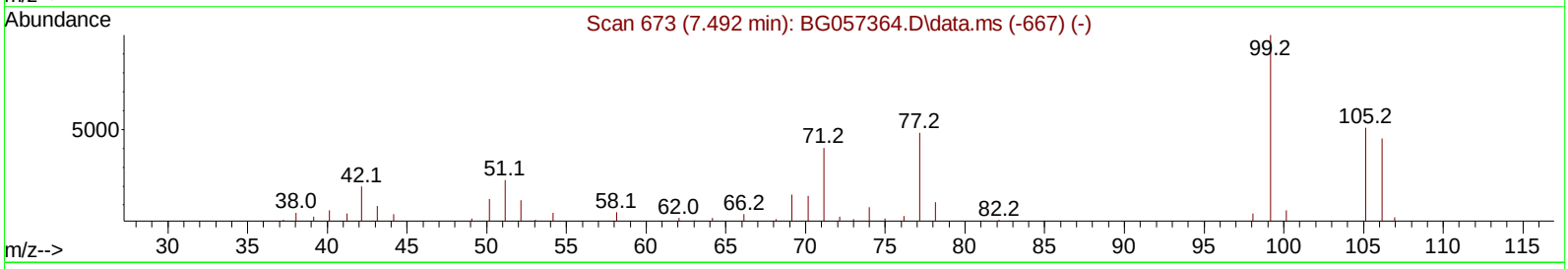
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023







TIC: BG057364.D\data.ms

(6) Benzaldehyde

7.492min (0.000) 18.95 ng/ul

response 9473

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	105.13
106.00	98.40	93.83
0.00	0.00	0.00

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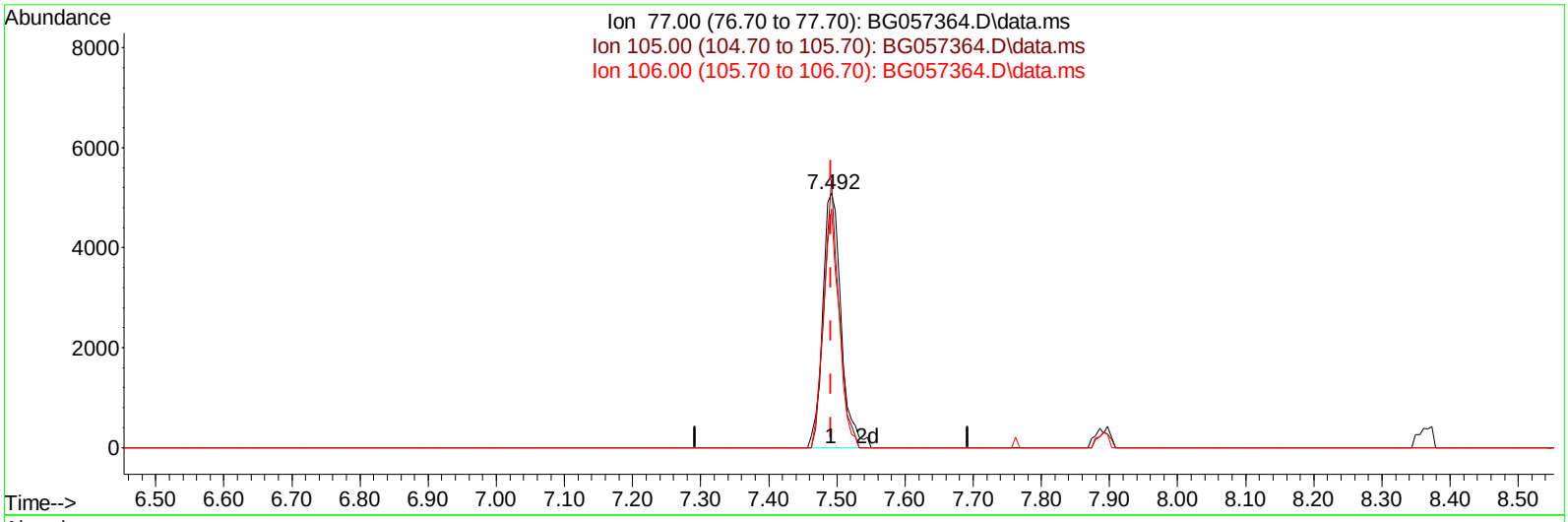

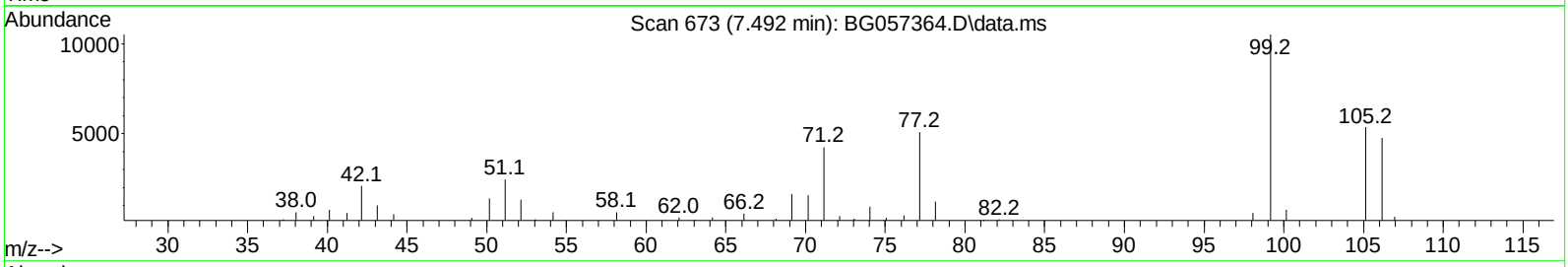

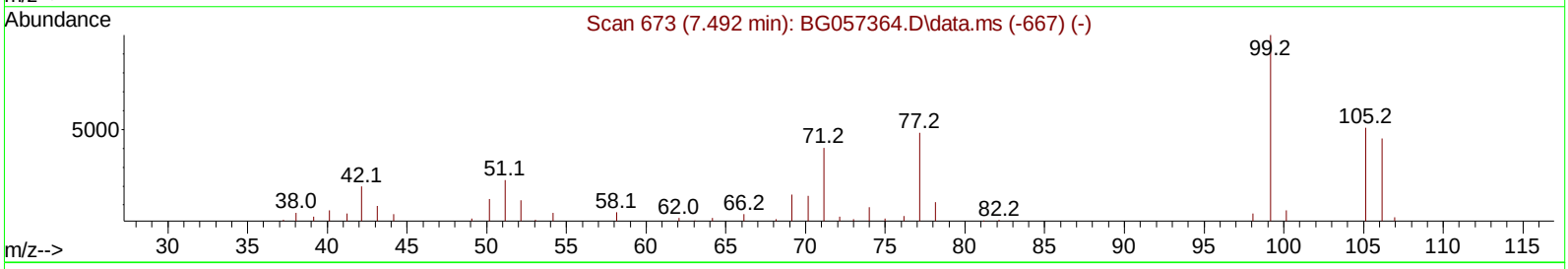

TIC: BG057364.D\data.ms

(6) Benzaldehyde

7.492min (0.000) 19.09 ng/ul m

response 9547

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	105.13
106.00	98.40	93.83
0.00	0.00	0.00

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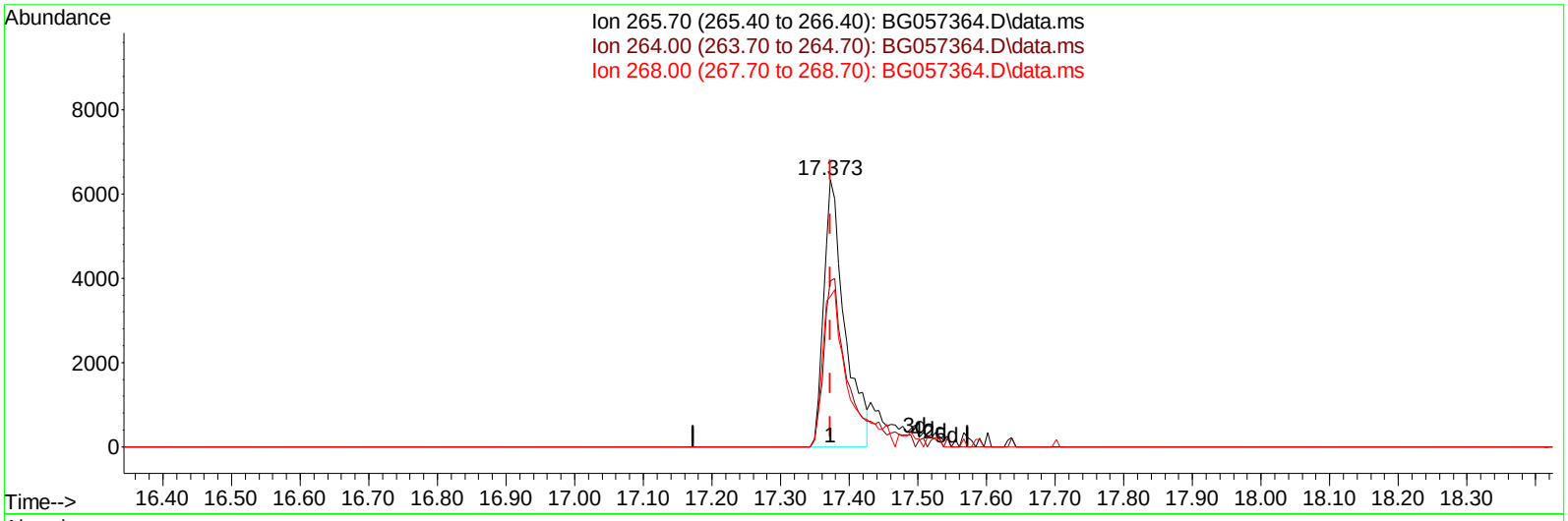

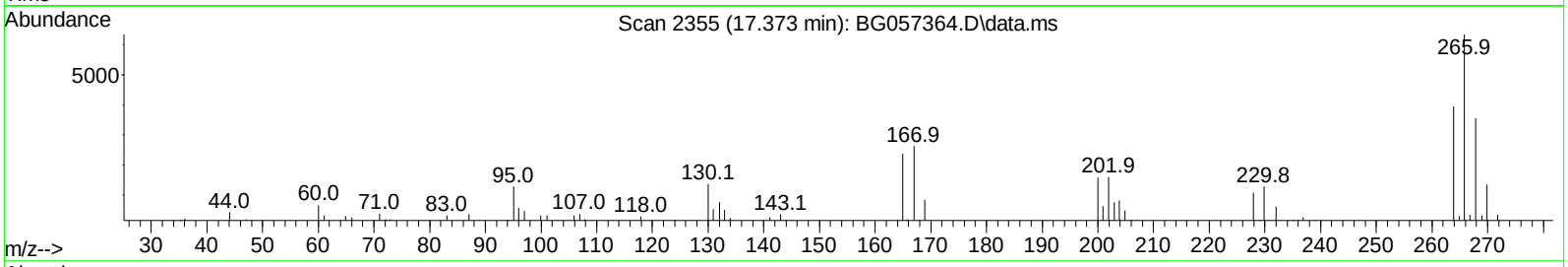

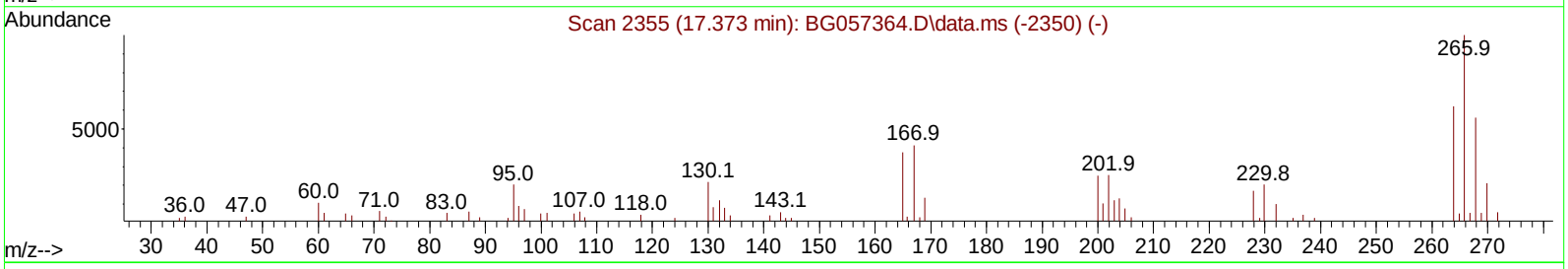

TIC: BG057364.D\data.ms

(71) Pentachlorophenol (C)

17.373min (0.000) 16.85 ng/ul

response 13389

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	62.23
268.00	60.30	56.14
0.00	0.00	0.00

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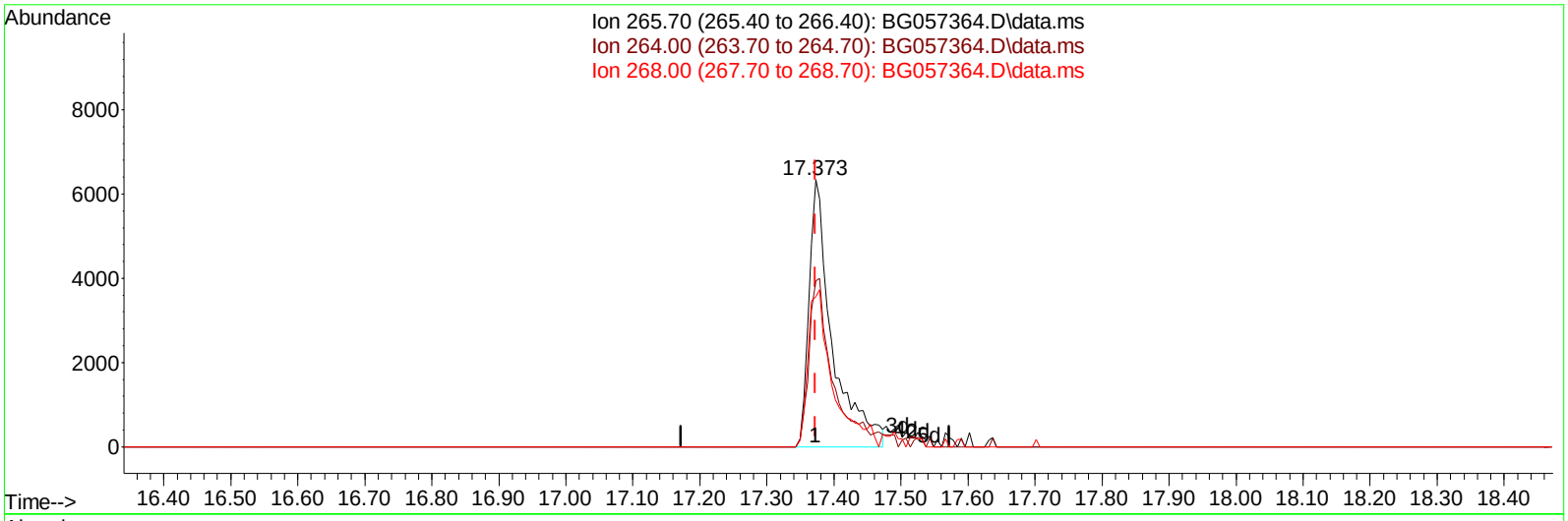

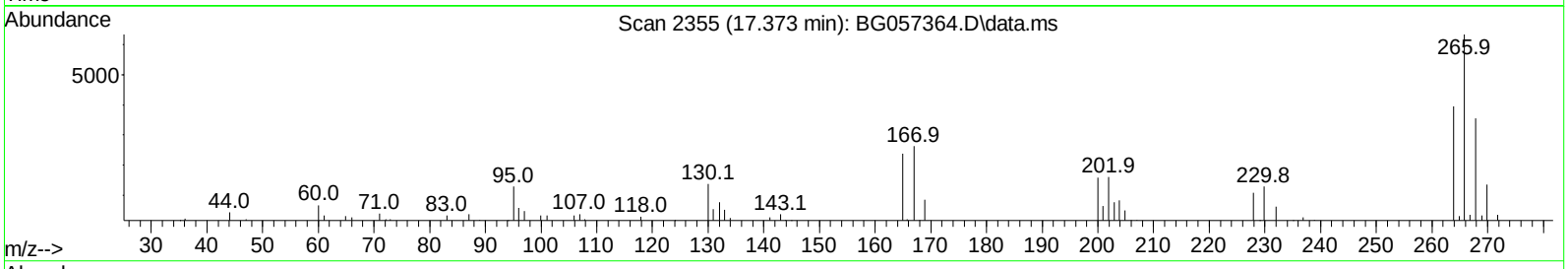

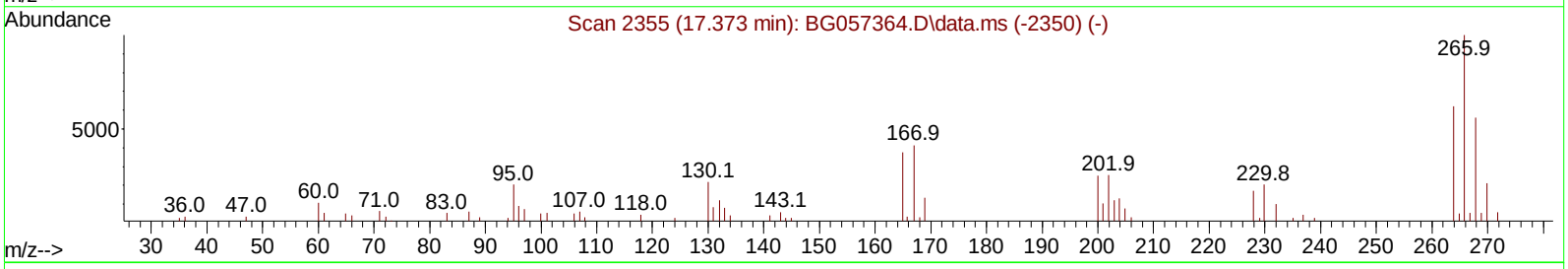

TIC: BG057364.D\data.ms

(71) Pentachlorophenol (C)

17.373min (0.000) 19.21 ng/ul m

response 15259

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	62.23
268.00	60.30	56.14
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	8.367	152	17310	20.000	ng/ul		0.00
20) Naphthalene-d8	11.204	136	70683	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.976	164	55611	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.719	188	136550	20.000	ng/ul		0.00
79) Chrysene-d12	22.031	240	129431	20.000	ng/ul		0.00
88) Perylene-d12	25.538	264	135637	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.644	96	3259	8.285	ng/uL		0.00
4) Pyridine-d5	4.091	84	24240	19.546	ng/ul		0.00
7) Phenol-d5	7.504	99	31807	19.430	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.668	67	18770	19.494	ng/ul		0.00
11) 2-Chlorophenol-d4	7.891	132	22764	21.102	ng/ul		0.00
15) 4-Methylphenol-d8	9.066	113	24818	19.947	ng/ul		0.00
21) Nitrobenzene-d5	9.542	128	11771	20.912	ng/ul		0.00
24) 2-Nitrophenol-d4	10.270	143	14629	22.269	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.817	165	28413	22.418	ng/ul		0.00
31) 4-Chloroaniline-d4	11.328	131	35468	21.115	ng/ul		0.00
46) Dimethylphthalate-d6	14.365	166	93839	21.296	ng/ul		0.00
49) Acenaphthylene-d8	14.676	160	105362	21.274	ng/ul		0.00
54) 4-Nitrophenol-d4	15.170	143	11758	18.332	ng/ul		0.00
60) Fluorene-d10	15.963	176	87242	21.253	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.080	200	16703	20.646	ng/ul		0.00
73) Anthracene-d10	17.813	188	135464	21.734	ng/ul		0.00
81) Pyrene-d10	20.081	212	161929	21.077	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.291	264	144990	20.982	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.685	88	3613	8.661	ng/uL	#	91
5) Pyridine	4.108	79	26535	20.298	ng/ul		93
6) Benzaldehyde	7.492	77	9547m	19.095	ng/ul		
8) Phenol	7.533	94	32930	19.958	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.762	93	24975	20.225	ng/ul		86
12) 2-Chlorophenol	7.927	128	24272	21.420	ng/ul		94
13) 2-Methylphenol	8.802	108	24805	19.399	ng/ul		87
14) 2,2'-oxybis(1-Chloropr...	8.884	45	30105	18.909	ng/ul	#	95
16) Acetophenone	9.195	105	42948	20.060	ng/ul		93
17) N-Nitroso-di-n-propyla...	9.166	70	23636	19.211	ng/ul		95
18) 4-Methylphenol	9.131	108	28516	20.603	ng/ul		96
19) Hexachloroethane	9.460	117	10290	21.705	ng/ul		91
22) Nitrobenzene	9.589	77	35131	20.959	ng/ul		99
23) Isophorone	10.100	82	65484	20.534	ng/ul		98
25) 2-Nitrophenol	10.300	139	15390	23.130	ng/ul		94
26) 2,4-Dimethylphenol	10.347	107	32804	21.733	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.576	93	34660	20.908	ng/ul		99
29) 2,4-Dichlorophenol	10.846	162	27313	22.704	ng/ul		94
30) Naphthalene	11.251	128	84656	21.813	ng/ul		98
32) 4-Chloroaniline	11.357	127	38119	21.779	ng/ul		97
33) Hexachlorobutadiene	11.522	225	23222	22.759	ng/ul		99
34) Caprolactam	12.103	113	8595	21.223	ng/ul		95
35) 4-Chloro-3-methylphenol	12.450	107	29293	21.163	ng/ul		96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.832	142	61415	21.579 ng/ul	97
37) 1-Methylnaphthalene	13.049	142	62851	21.962 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.196	216	44806	22.171 ng/ul#	96
40) Hexachlorocyclopentadiene	13.166	237	18549	18.393 ng/ul	98
41) 2,4,6-Trichlorophenol	13.425	196	25331	21.522 ng/ul	94
42) 2,4,5-Trichlorophenol	13.507	196	27808	22.006 ng/ul	92
43) 1,1'-Biphenyl	13.813	154	91744	21.621 ng/ul	98
44) 2-Chloronaphthalene	13.866	162	71186	21.636 ng/ul	98
45) 2-Nitroaniline	14.065	65	20697	20.838 ng/ul	93
47) Dimethylphthalate	14.412	163	93219	21.066 ng/ul	99
48) 2,6-Dinitrotoluene	14.547	165	20289	22.280 ng/ul	96
50) Acenaphthylene	14.706	152	109717	21.801 ng/ul	99
51) 3-Nitroaniline	14.876	138	13387	20.747 ng/ul	98
52) Acenaphthene	15.040	153	76008	21.197 ng/ul	96
53) 2,4-Dinitrophenol	15.099	184	7481	15.426 ng/ul	93
55) 4-Nitrophenol	15.181	109	12892	17.731 ng/ul	92
56) Dibenzofuran	15.369	168	111187	21.472 ng/ul	100
57) 2,4-Dinitrotoluene	15.328	165	28408	21.791 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.599	232	25171	21.921 ng/ul	99
59) Diethylphthalate	15.757	149	93566	20.812 ng/ul	97
61) Fluorene	16.021	166	93013	21.243 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.998	204	53971	21.118 ng/ul	98
63) 4-Nitroaniline	16.033	138	10549	17.264 ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.098	198	16877	20.472 ng/ul	91
67) N-Nitrosodiphenylamine	16.209	169	78684	22.059 ng/ul	99
68) 4-Bromophenyl-phenylether	16.891	248	36543	22.390 ng/ul	98
69) Hexachlorobenzene	17.026	284	39794	23.154 ng/ul	98
70) Atrazine	17.138	200	34882	22.003 ng/ul	97
71) Pentachlorophenol	17.373	266	15259m	19.208 ng/ul	
72) Phenanthrene	17.760	178	155308	21.841 ng/ul	99
74) Anthracene	17.854	178	156496	21.909 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.789	216	47026	22.897 ng/uL	96
76) Pentachlorobenzene	15.293	250	47643	22.790 ng/uL	96
77) Carbazole	18.119	167	130453	21.854 ng/ul	99
78) Di-n-butylphthalate	18.636	149	152263	22.307 ng/ul	99
80) Fluoranthene	19.752	202	190433	20.867 ng/ul	98
82) Pyrene	20.110	202	194039	21.003 ng/ul	98
83) Butylbenzylphthalate	20.962	149	66968	22.635 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.902	252	65297	22.716 ng/ul	100
85) Benzo(a)anthracene	22.007	228	194061	21.200 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.849	149	95831	22.270 ng/ul	95
87) Chrysene	22.078	228	182984	21.187 ng/ul	99
89) Di-n-octyl phthalate	23.147	149	160494	21.427 ng/ul	100
90) Benzo(b)fluoranthene	24.410	252	195645	20.829 ng/ul	99
91) Benzo(k)fluoranthene	24.481	252	193213	21.144 ng/ul	98
93) Benzo(a)pyrene	25.374	252	168583	20.790 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.585	276	214375	21.149 ng/ul	97
95) Dibenzo(a,h)anthracene	29.644	278	176644	21.016 ng/ul	98
96) Benzo(g,h,i)perylene	30.854	276	172933	21.080 ng/ul	99

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

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