Quantitation Report (Qedit)

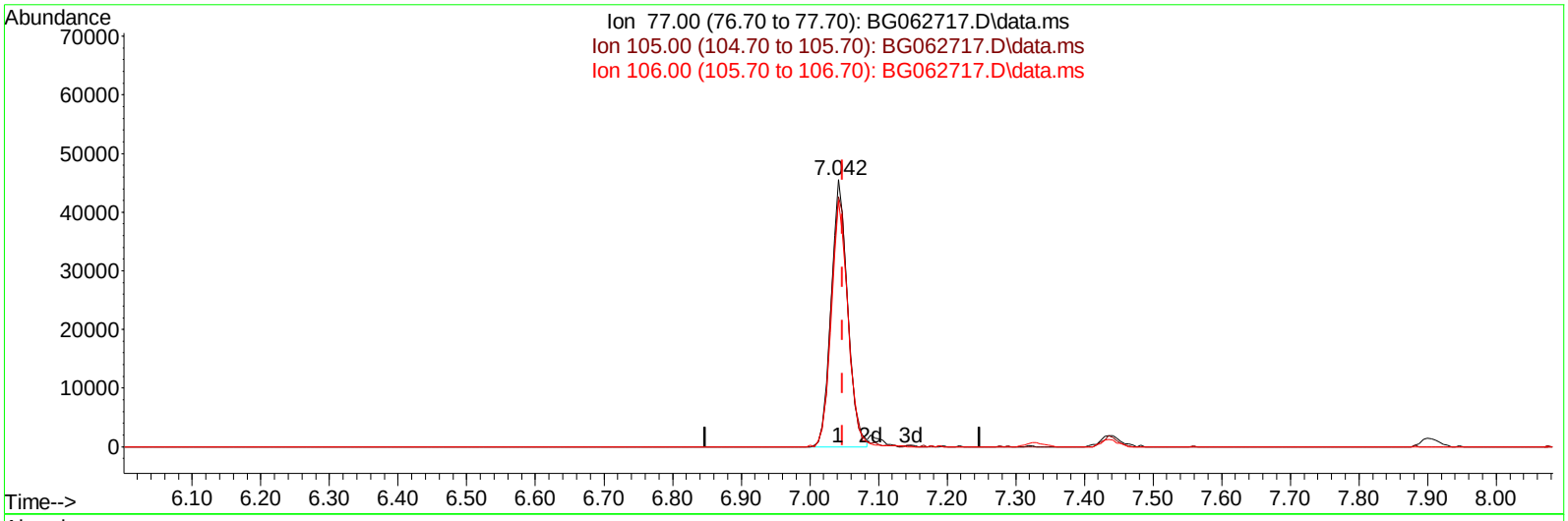
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062717.D
Acq On : 11 Sep 2024 1:42
Operator : JU/RC
Sample : PB163196BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

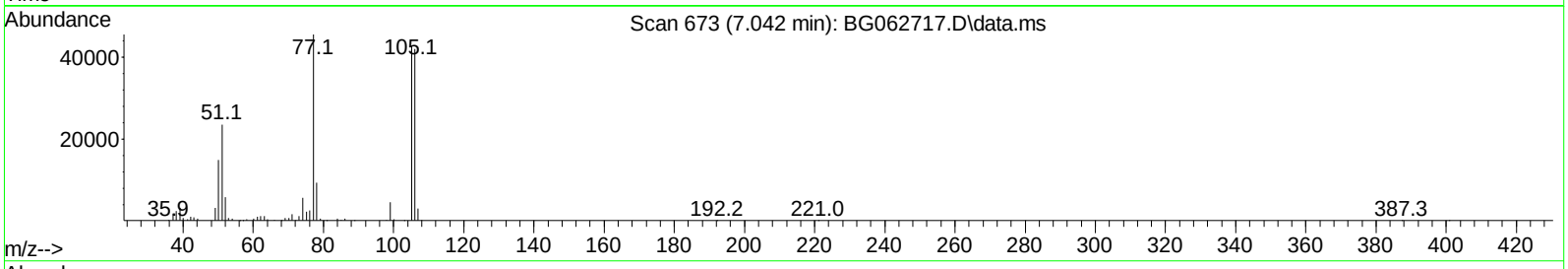
Quant Time: Sep 11 02:17:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

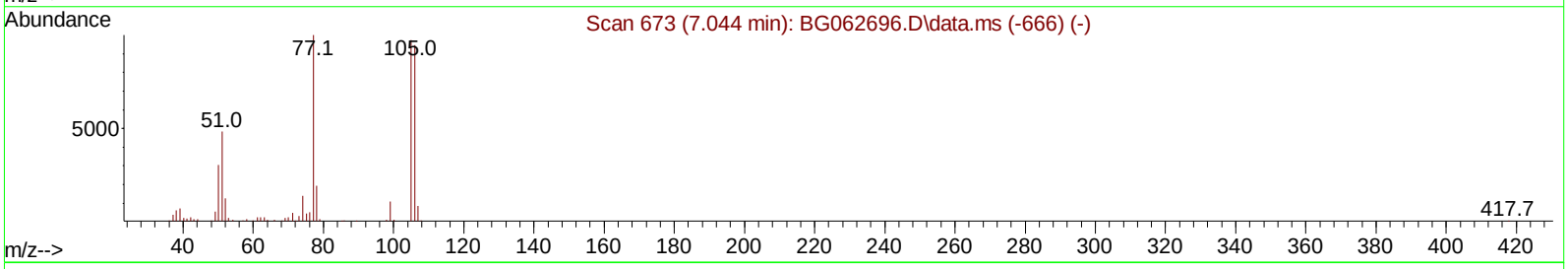
Instrument :
BNA_G
ClientSampleId :
SLCS196

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BG062717.D\data.ms

(6) Benzaldehyde

7.042min (-0.006) 20.20 ng/ul

response 75994

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	93.71
106.00	86.30	92.25
0.00	0.00	0.00

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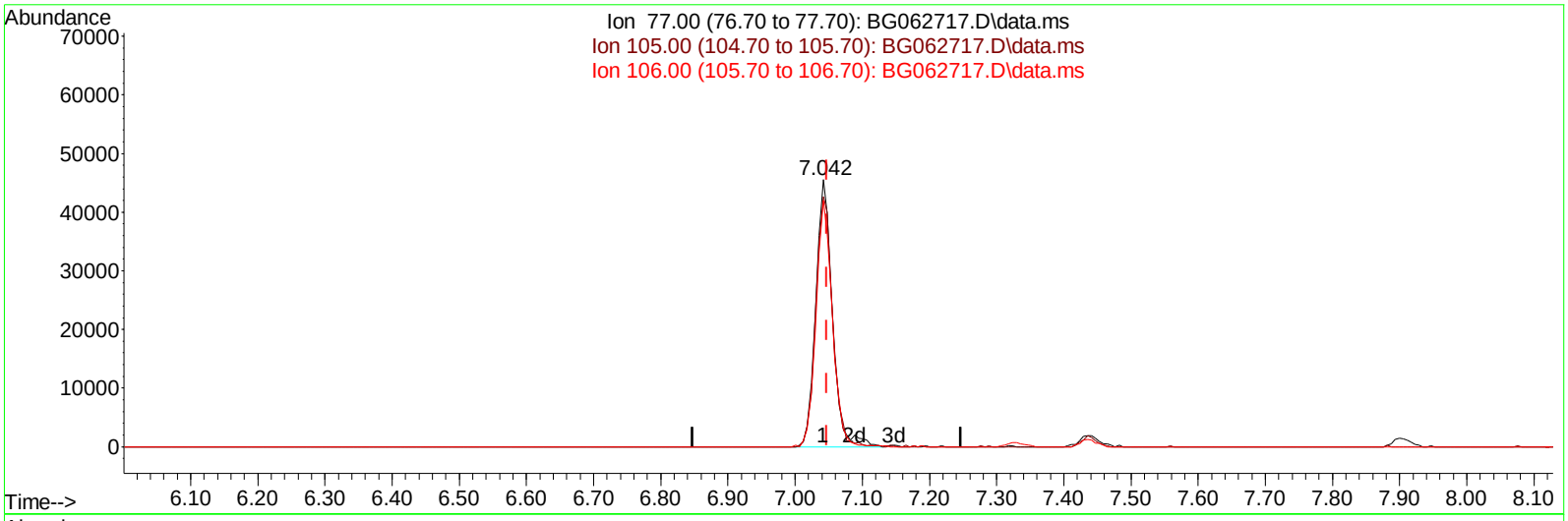

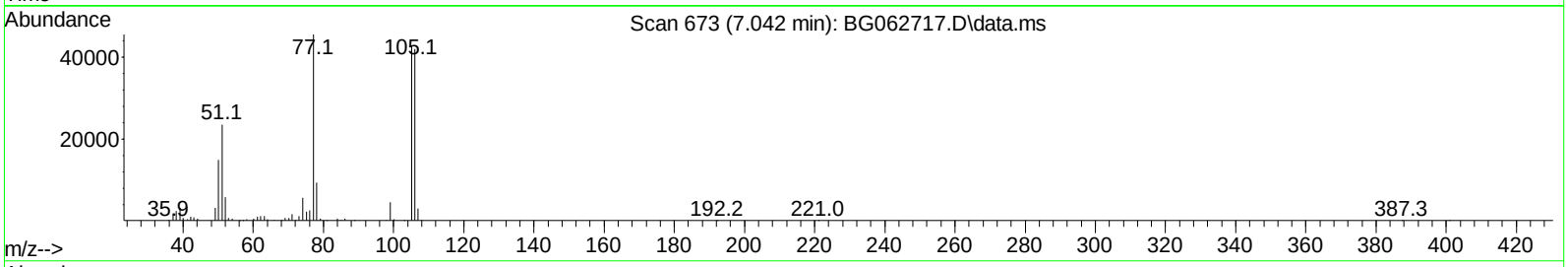

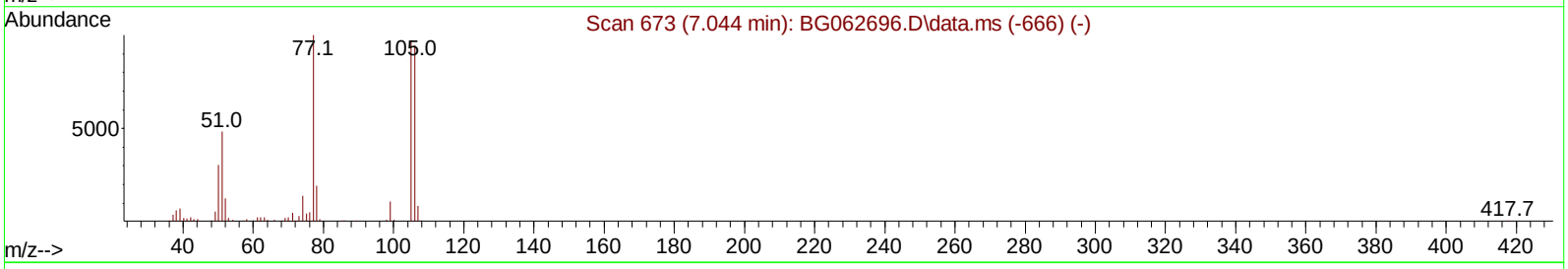

TIC: BG062717.D\data.ms

(6) Benzaldehyde

7.042min (-0.006) 20.85 ng/ul m

response 78430

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	93.71
106.00	86.30	92.25
0.00	0.00	0.00

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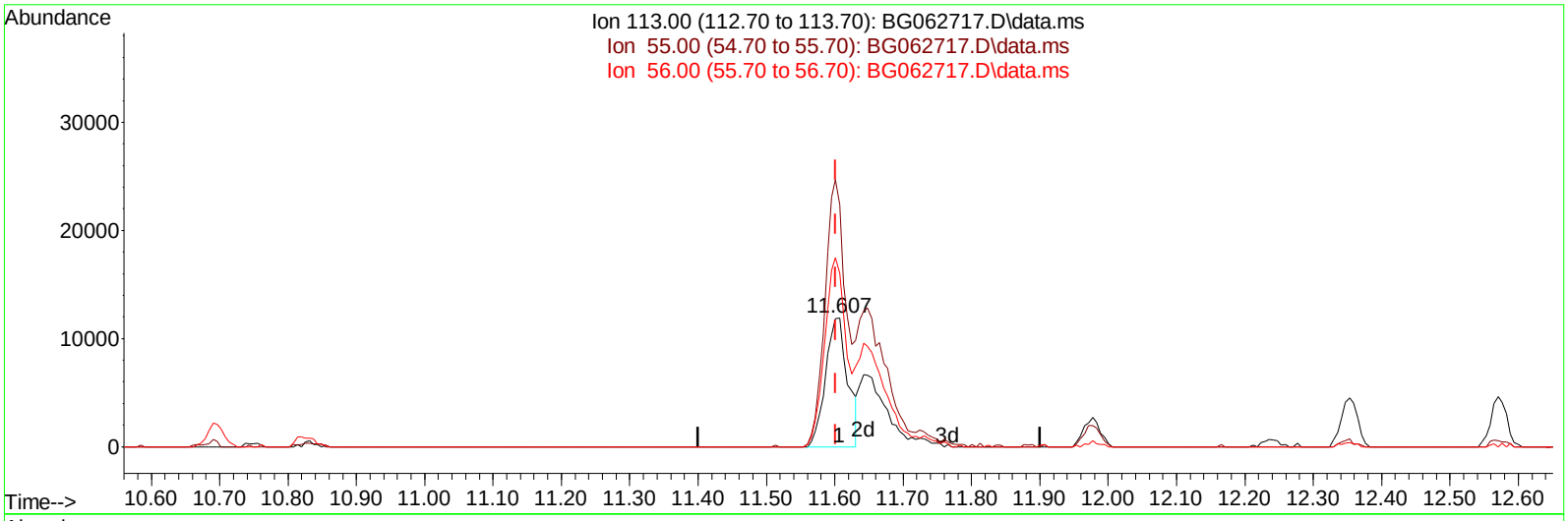

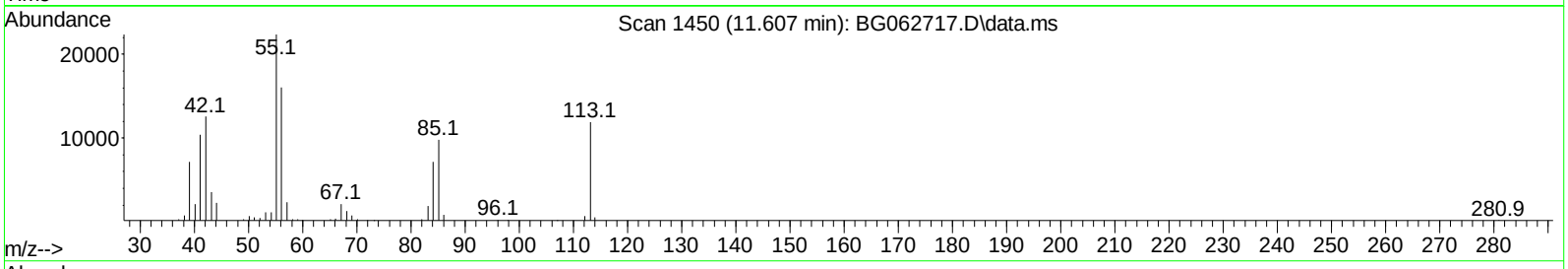

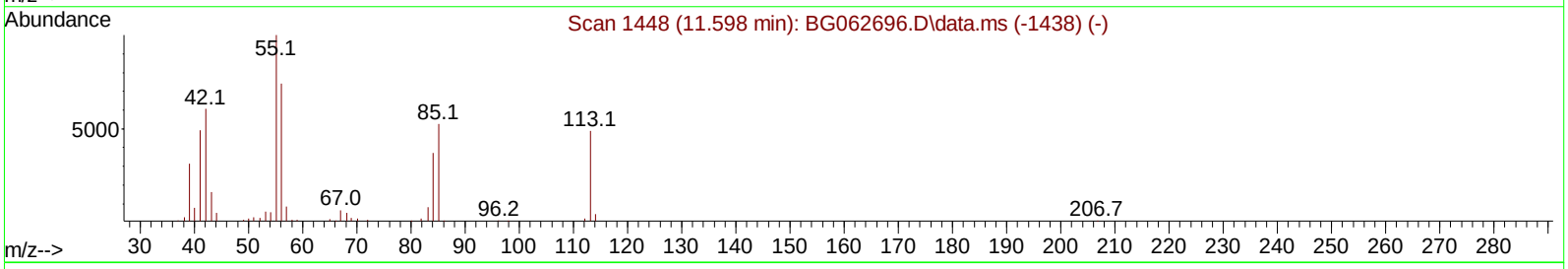

TIC: BG062717.D\data.ms

(34) Caprolactam

11.607min (+ 0.006) 15.85 ng/ul

response 26879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	187.67
56.00	156.30	134.65
0.00	0.00	0.00

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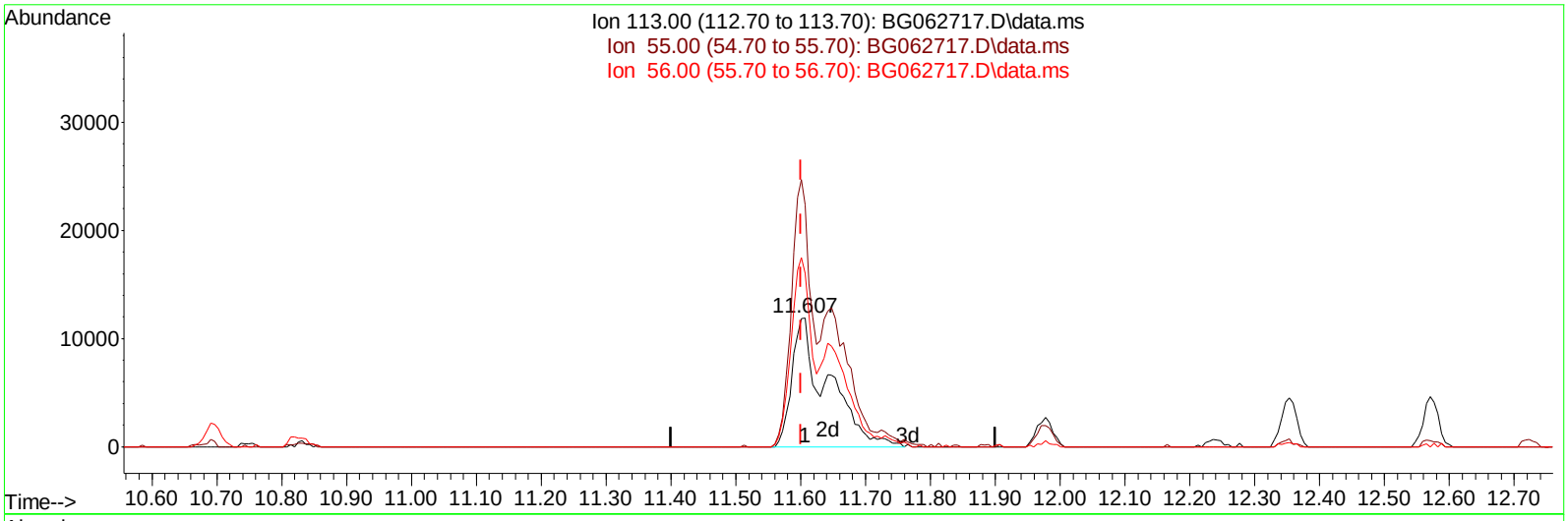

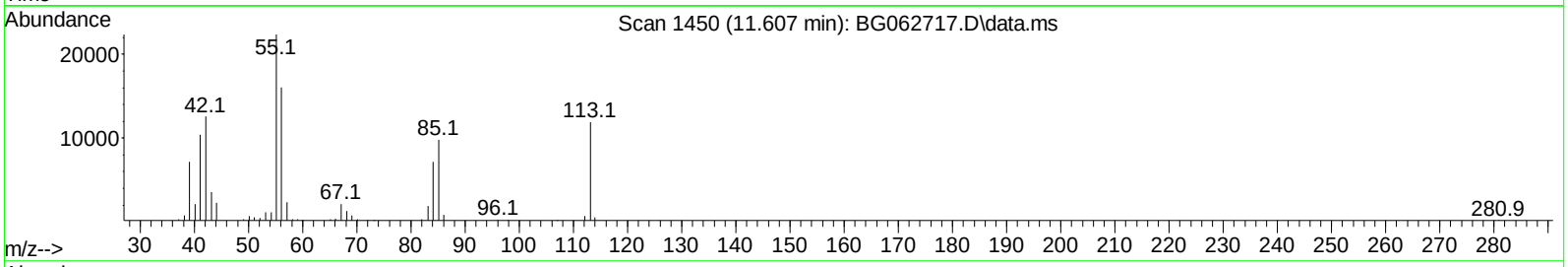

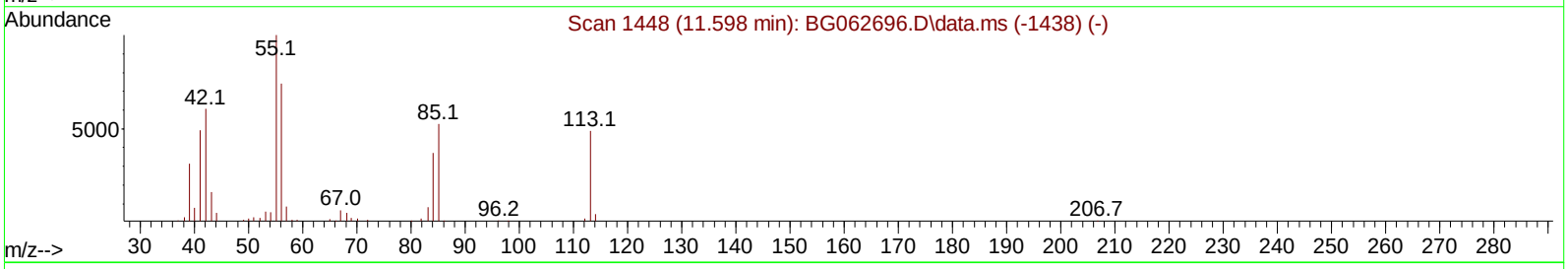

TIC: BG062717.D\data.ms

(34) Caprolactam

11.607min (+ 0.006) 27.13 ng/ul m

response 46019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	187.67
56.00	156.30	134.65
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	7.905	152	78016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	274516	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	236023	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	617466	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	677418	20.000	ng/ul	0.00
88) Perylene-d12	24.580	264	756203	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	10220	5.922	ng/uL	0.00
4) Pyridine-d5	3.763	84	122742	22.342	ng/ul	0.00
7) Phenol-d5	7.071	99	172158	25.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.236	67	98876	24.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	124907	25.066	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	117350	20.585	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	50912	25.949	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	64119	29.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	124134	26.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	145304	22.621	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	476051	26.192	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	532597	26.385	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	83654	27.094	ng/ul	0.00
60) Fluorene-d10	15.526	176	430521	26.286	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	99892	28.124	ng/ul	0.00
73) Anthracene-d10	17.377	188	764857	26.247	ng/ul	0.00
81) Pyrene-d10	19.662	212	1004912	26.362	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	1040197	26.051	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	16479	8.519	ng/uL#	85
5) Pyridine	3.787	79	135461	23.509	ng/ul	98
6) Benzaldehyde	7.042	77	78430m	20.852	ng/ul	
8) Phenol	7.095	94	177091	24.902	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.324	93	130891	24.348	ng/ul	99
12) 2-Chlorophenol	7.471	128	132137	25.935	ng/ul	95
13) 2-Methylphenol	8.346	108	130974	24.561	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	205305	21.218	ng/ul	97
16) Acetophenone	8.722	105	190238	20.532	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	101341	20.893	ng/ul	92
18) 4-Methylphenol	8.669	108	124383	20.732	ng/ul	95
19) Hexachloroethane	8.986	117	42028	20.491	ng/ul	98
22) Nitrobenzene	9.098	77	136531	25.723	ng/ul	94
23) Isophorone	9.621	82	297717	27.435	ng/ul	99
25) 2-Nitrophenol	9.809	139	66478	28.110	ng/ul	97
26) 2,4-Dimethylphenol	9.868	107	108472	21.465	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	156002	25.723	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	120681	26.221	ng/ul#	95
30) Naphthalene	10.743	128	368907	25.063	ng/ul	98
32) 4-Chloroaniline	10.849	127	130229	20.386	ng/ul	98
33) Hexachlorobutadiene	11.037	225	96385	25.138	ng/ul	93
34) Caprolactam	11.607	113	46019m	27.129	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	139324	27.750	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	12.353	142	291320	26.817	ng/ul	95
37) 1-Methylnaphthalene	12.570	142	294150	26.434	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.723	216	204104	25.154	ng/ul	97
40) Hexachlorocyclopentadiene	12.706	237	88903	21.413	ng/ul	96
41) 2,4,6-Trichlorophenol	12.964	196	114659	23.329	ng/ul	97
42) 2,4,5-Trichlorophenol	13.035	196	131992	25.013	ng/ul	97
43) 1,1'-Biphenyl	13.364	154	417662	25.164	ng/ul	98
44) 2-Chloronaphthalene	13.405	162	340437	25.224	ng/ul	96
45) 2-Nitroaniline	13.605	65	103462	27.937	ng/ul	99
47) Dimethylphthalate	13.986	163	490145	26.186	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	95948	29.096	ng/ul	93
50) Acenaphthylene	14.251	152	575026	26.982	ng/ul	99
51) 3-Nitroaniline	14.433	138	91911	27.839	ng/ul	97
52) Acenaphthene	14.592	153	375449	24.871	ng/ul	97
53) 2,4-Dinitrophenol	14.639	184	60690	27.871	ng/ul	98
55) 4-Nitrophenol	14.744	109	74237	26.748	ng/ul	95
56) Dibenzofuran	14.932	168	573789	25.587	ng/ul	96
57) 2,4-Dinitrotoluene	14.891	165	143507	27.834	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	113634	21.249	ng/ul	98
59) Diethylphthalate	15.350	149	479527	25.969	ng/ul	99
61) Fluorene	15.579	166	456654	25.922	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	268667	26.000	ng/ul	97
63) 4-Nitroaniline	15.596	138	104395	29.384	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.655	198	99718	27.085	ng/ul	93
67) N-Nitrosodiphenylamine	15.784	169	412310	26.037	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	187822	26.434	ng/ul	98
69) Hexachlorobenzene	16.583	284	215188	26.525	ng/ul	98
70) Atrazine	16.736	200	5319	0.754	ng/ul#	87
71) Pentachlorophenol	16.924	266	94122	19.397	ng/ul	97
72) Phenanthrene	17.318	178	844767	26.308	ng/ul	99
74) Anthracene	17.406	178	852006	26.027	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.328	216	209156	24.804	ng/ul	96
76) Pentachlorobenzene	14.850	250	229500	24.561	ng/ul	97
77) Carbazole	17.676	167	743577	27.392	ng/ul	98
78) Di-n-butylphthalate	18.240	149	887784	27.653	ng/ul	99
80) Fluoranthene	19.327	202	1117319	26.465	ng/ul	99
82) Pyrene	19.692	202	1172419	25.798	ng/ul	99
83) Butylbenzylphthalate	20.585	149	374961	27.793	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.419	252	389242	27.292	ng/ul	98
85) Benzo(a)anthracene	21.501	228	1259456	26.732	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	551498	27.762	ng/ul	99
87) Chrysene	21.566	228	1184544	26.501	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	964787	27.428	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	1242098	26.604	ng/ul	98
91) Benzo(k)fluoranthene	23.681	252	1253345	26.217	ng/ul	97
93) Benzo(a)pyrene	24.439	252	1125779	25.565	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.029	276	1401638	25.833	ng/ul	98
95) Dibenzo(a,h)anthracene	28.088	278	1163845	26.705	ng/ul	100
96) Benzo(g,h,i)perylene	29.116	276	1114540	26.597	ng/ul	99

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

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