Quantitation Report (Qedit)

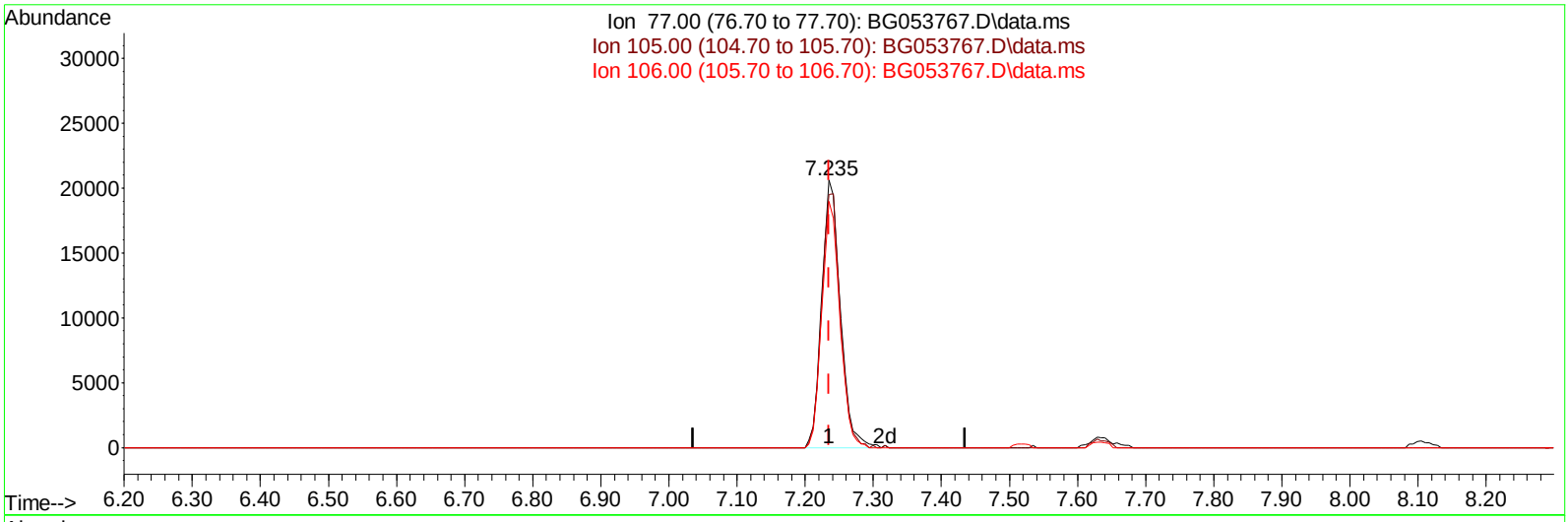
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
Data File : BG053767.D
Acq On : 31 May 2022 19:16
Operator : CG/JU
Sample : SSTD04024
Misc :
ALS Vial : 5 Sample Multiplier: 1

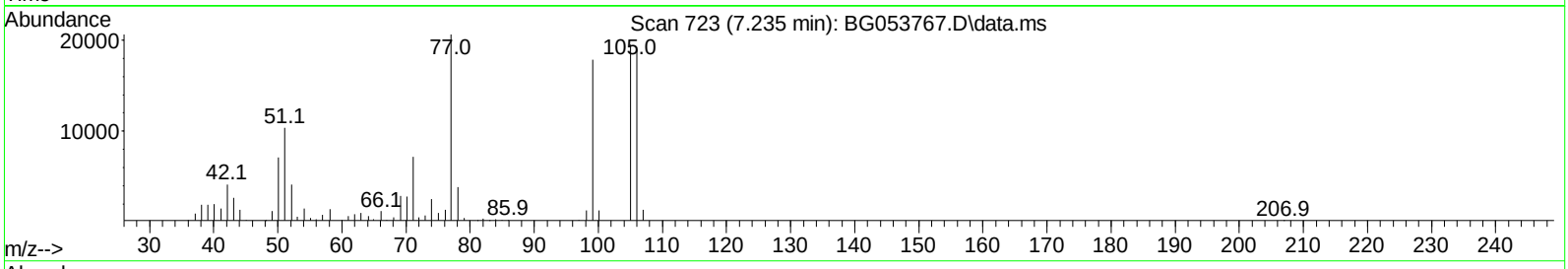
Quant Time: May 31 23:15:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 31 23:09:35 2022
Response via : Initial Calibration

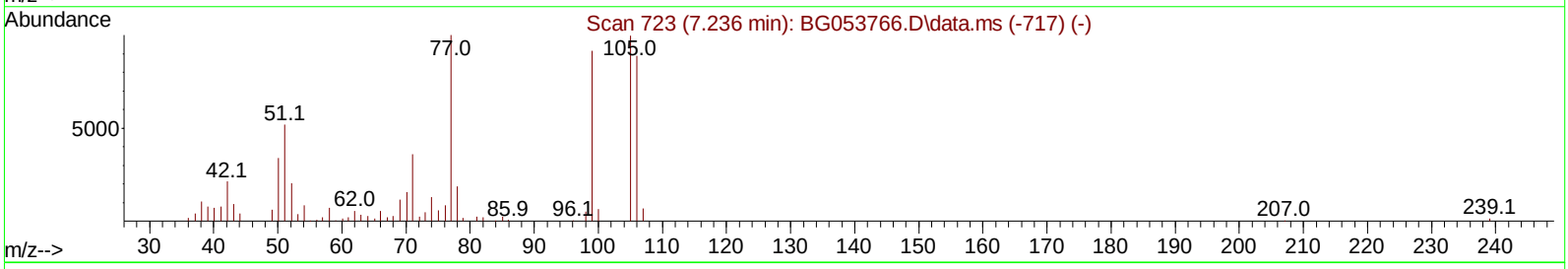
Instrument :
BNA_G
ClientSampleId :
SSTD040424

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
Supervised By :mohammad ahmed 06/06/2022







TIC: BG053767.D\data.ms

(6) Benzaldehyde

7.235min (-0.001) 33.68 ng/ul

response 38800

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	94.72
106.00	88.70	92.08
0.00	0.00	0.00

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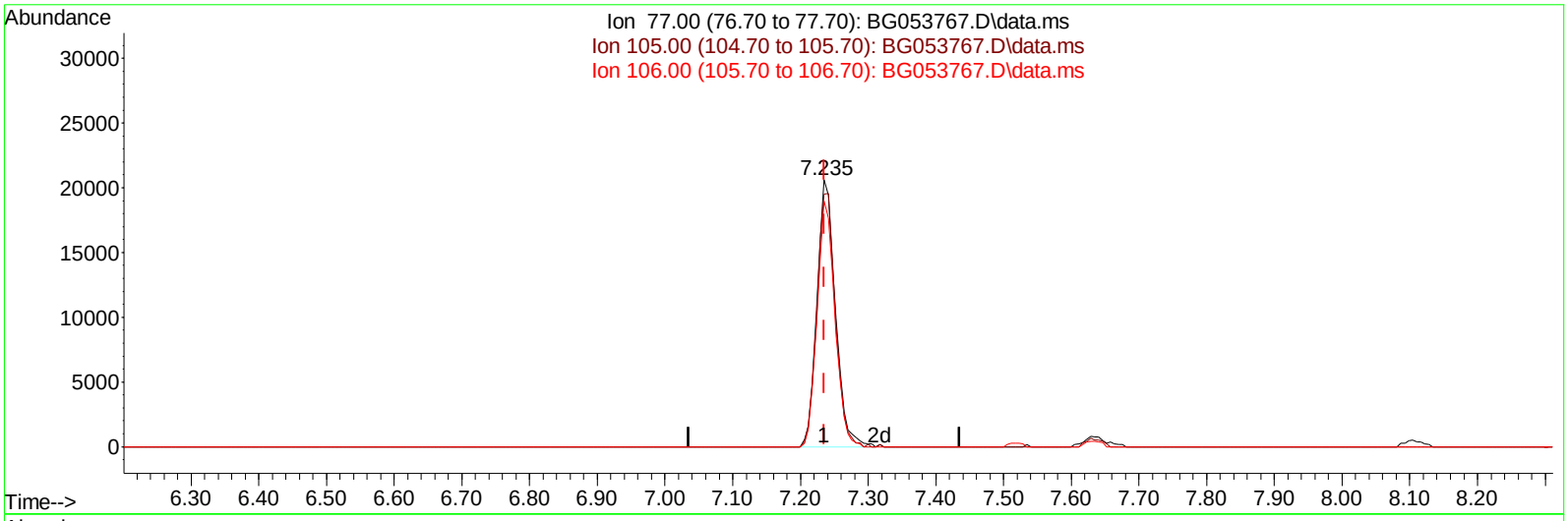

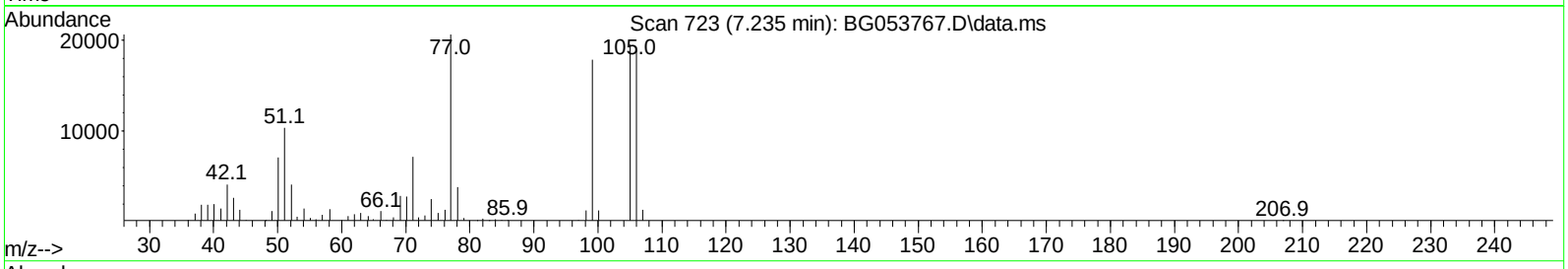

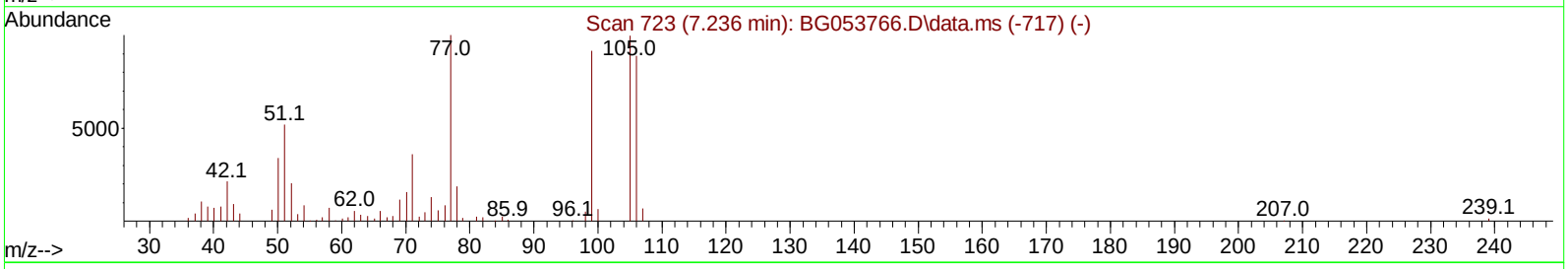

TIC: BG053767.D\data.ms

(6) Benzaldehyde

7.235min (-0.001) 33.74 ng/ul m

response 38877

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.60	94.72
106.00	88.70	92.08
0.00	0.00	0.00

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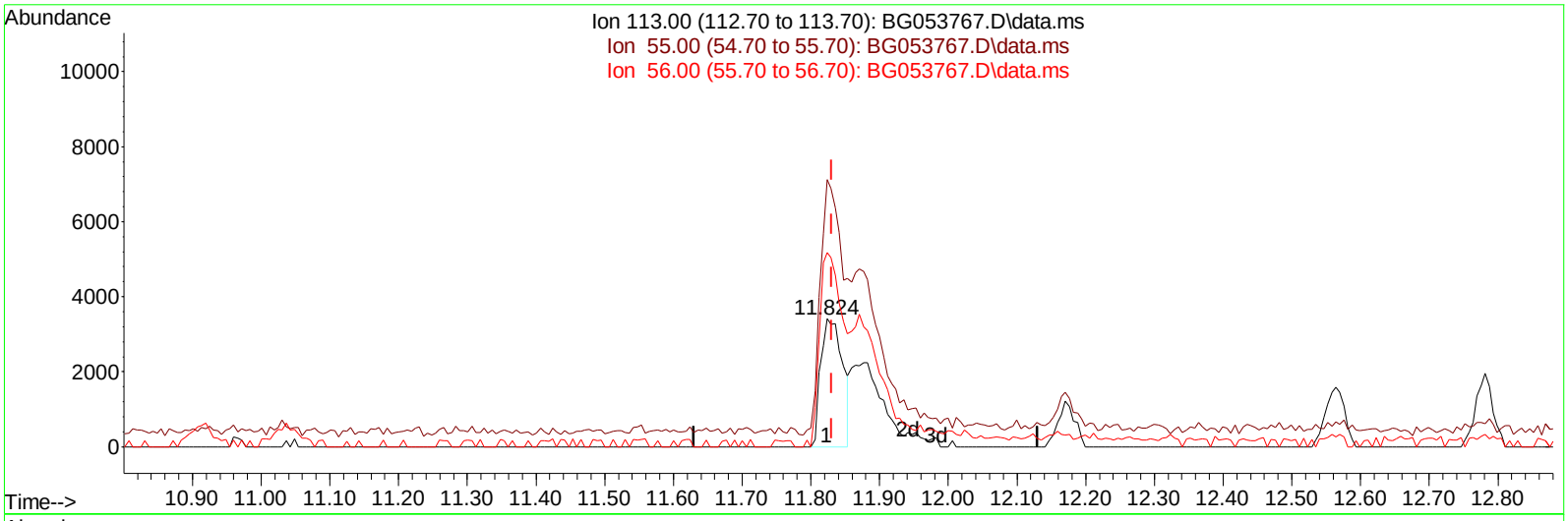

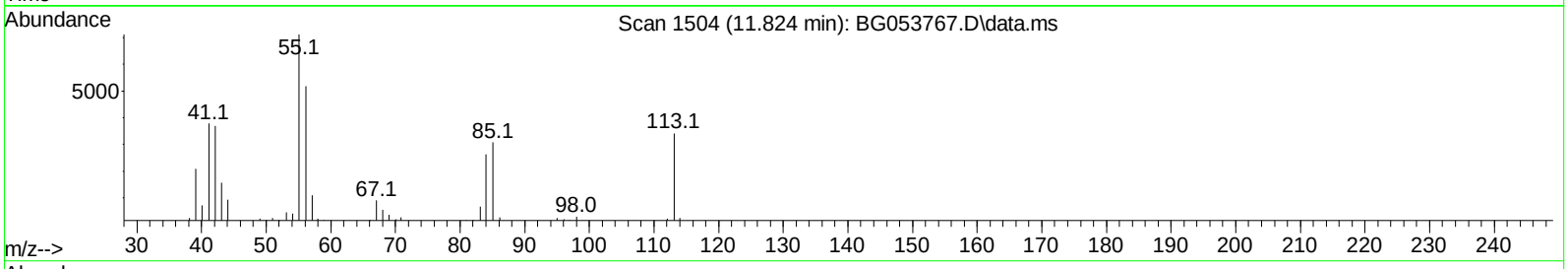

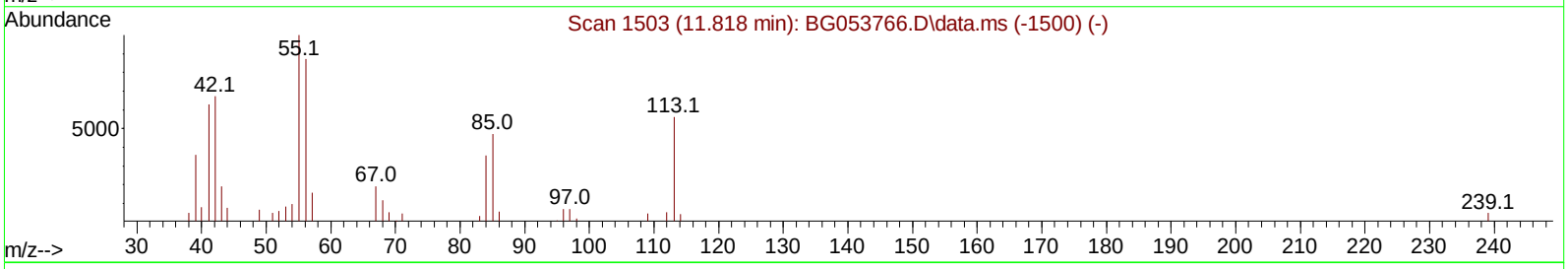

TIC: BG053767.D\data.ms

(34) Caprolactam

11.824min (-0.006) 19.86 ng/ul

response 7551

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	208.65
56.00	159.50	151.63
0.00	0.00	0.00

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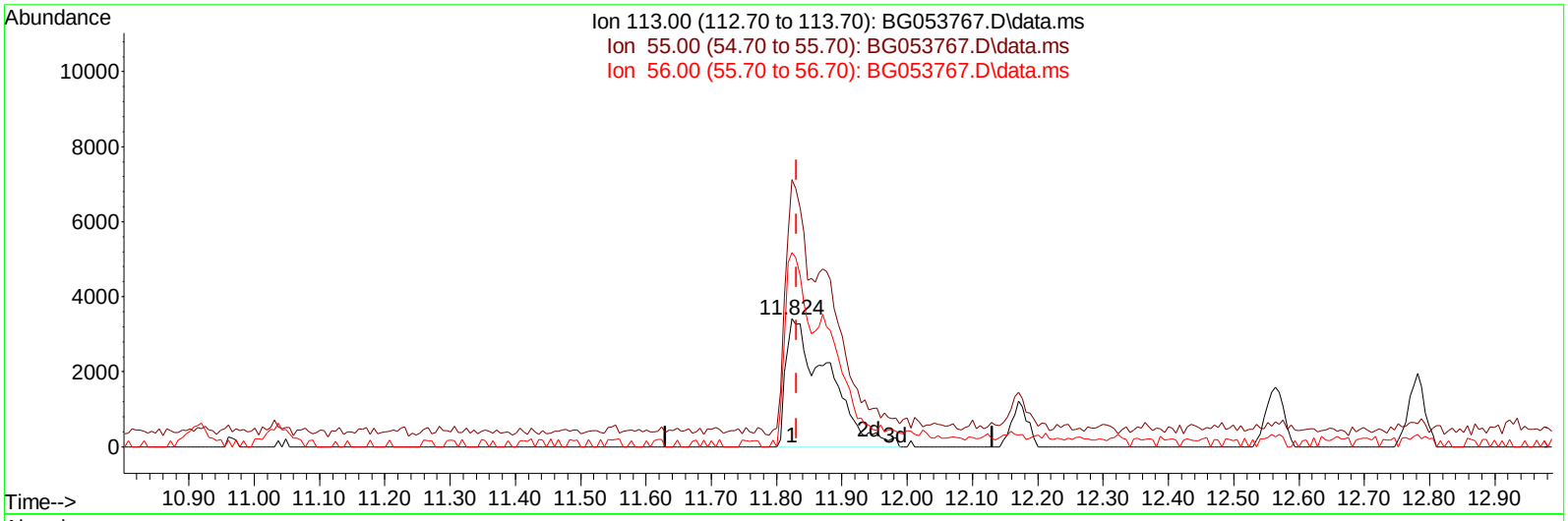

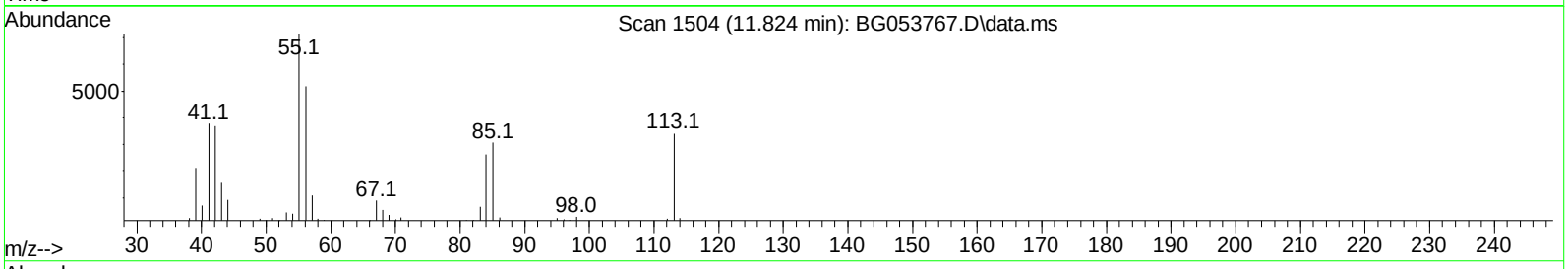

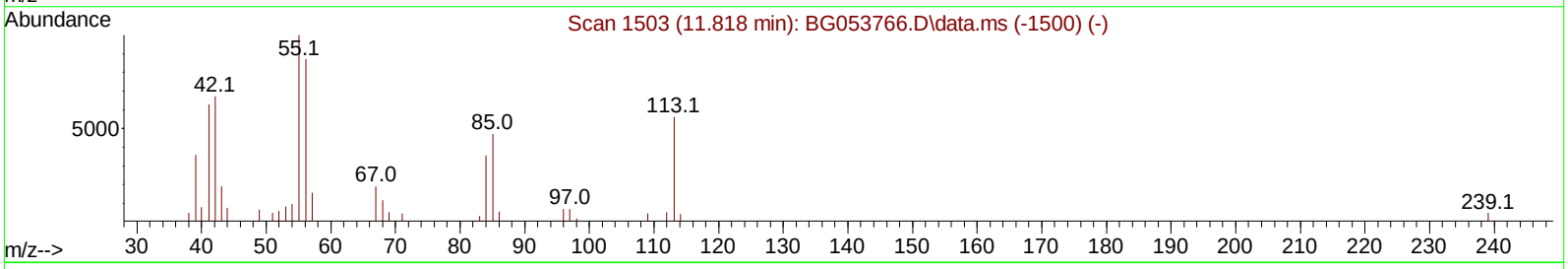

TIC: BG053767.D\data.ms

(34) Caprolactam

11.824min (-0.006) 40.09 ng/ul m

response 15243

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	208.65
56.00	159.50	151.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
Supervised By :mohammad ahmed 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	19350	20.000	ng/ul	0.00
20) Naphthalene-d8	10.913	136	78615	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.726	164	55141	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.470	188	133375	20.000	ng/ul	0.00
79) Chrysene-d12	21.753	240	140873	20.000	ng/ul	0.00
88) Perylene-d12	25.026	264	145990	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.533	96	7678	14.016	ng/uL	0.00
4) Pyridine-d5	3.951	84	49041	35.859	ng/ul	0.00
7) Phenol-d5	7.247	99	63452	36.612	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.423	67	41926	39.609	ng/ul	0.00
11) 2-Chlorophenol-d4	7.635	132	50968	43.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	52997	42.214	ng/ul	0.00
21) Nitrobenzene-d5	9.262	128	20688	36.558	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	21620	36.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.525	165	55691	42.888	ng/ul	0.00
31) 4-Chloroaniline-d4	11.036	131	74922	43.655	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	178751	42.196	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	200407	38.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	25006	35.109	ng/ul	0.00
60) Fluorene-d10	15.719	176	153690	41.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.825	200	21552	31.753	ng/ul	0.00
73) Anthracene-d10	17.570	188	251097	40.429	ng/ul	0.00
81) Pyrene-d10	19.850	212	323748	41.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.809	264	304767	40.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	8043	11.983	ng/uL#	87
5) Pyridine	3.968	79	52537	35.553	ng/ul	96
6) Benzaldehyde	7.235	77	38877m	33.743	ng/ul	
8) Phenol	7.276	94	68085	40.762	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.517	93	52699	41.822	ng/ul	90
12) 2-Chlorophenol	7.664	128	51648	42.957	ng/ul	99
13) 2-Methylphenol	8.534	108	51851	39.941	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.633	45	87498	42.720	ng/ul	99
16) Acetophenone	8.927	105	83501	42.634	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.915	70	44956	39.374	ng/ul	92
18) 4-Methylphenol	8.863	108	56053	41.443	ng/ul	93
19) Hexachloroethane	9.197	117	21410	40.134	ng/ul	91
22) Nitrobenzene	9.303	77	54230	32.796	ng/ul	96
23) Isophorone	9.838	82	124068	39.254	ng/ul	100
25) 2-Nitrophenol	10.020	139	23953	38.699	ng/ul	91
26) 2,4-Dimethylphenol	10.073	107	63020	41.090	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.314	93	71095	40.450	ng/ul	99
29) 2,4-Dichlorophenol	10.549	162	54870	43.461	ng/ul	97
30) Naphthalene	10.966	128	169953	41.775	ng/ul	98
32) 4-Chloroaniline	11.066	127	73781	43.751	ng/ul	100
33) Hexachlorobutadiene	11.260	225	44590	43.246	ng/ul	98
34) Caprolactam	11.824	113	15243m	40.088	ng/ul	
35) 4-Chloro-3-methylphenol	12.170	107	57865	42.252	ng/ul	94

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.564	142	119446	41.603	ng/ul	96
37)	1-Methylnaphthalene	12.781	142	120294	41.386	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.928	216	81484	44.708	ng/ul	97
40)	Hexachlorocyclopentadiene	12.917	237	55277	43.809	ng/ul	94
41)	2,4,6-Trichlorophenol	13.158	196	47999	43.098	ng/ul	94
42)	2,4,5-Trichlorophenol	13.228	196	49332	41.017	ng/ul	98
43)	1,1'-Biphenyl	13.563	154	167583	42.530	ng/ul	99
44)	2-Chloronaphthalene	13.604	162	128985	40.880	ng/ul	97
45)	2-Nitroaniline	13.792	65	30179	32.630	ng/ul	99
47)	Dimethylphthalate	14.174	163	170052	42.065	ng/ul	99
48)	2,6-Dinitrotoluene	14.291	165	27169	37.100	ng/ul	99
50)	Acenaphthylene	14.450	152	210098	42.261	ng/ul	99
51)	3-Nitroaniline	14.615	138	24984	33.800	ng/ul	98
52)	Acenaphthene	14.791	153	140118	43.143	ng/ul	99
53)	2,4-Dinitrophenol	14.814	184	12301	27.039	ng/ul#	87
55)	4-Nitrophenol	14.908	109	22974	30.649	ng/ul	95
56)	Dibenzofuran	15.126	168	203499	42.265	ng/ul	98
57)	2,4-Dinitrotoluene	15.073	165	38473	37.027	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.343	232	46736	43.110	ng/ul	97
59)	Diethylphthalate	15.543	149	173348	42.340	ng/ul	99
61)	Fluorene	15.772	166	166118	41.623	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.766	204	92667	43.634	ng/ul	99
63)	4-Nitroaniline	15.778	138	25671	35.316	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.837	198	20677	31.135	ng/ul	98
67)	N-Nitrosodiphenylamine	15.972	169	152240	42.217	ng/ul	98
68)	4-Bromophenyl-phenylether	16.659	248	63472	48.063	ng/ul	99
69)	Hexachlorobenzene	16.777	284	70307	41.214	ng/ul	98
70)	Atrazine	16.924	200	68799	46.552	ng/ul	99
71)	Pentachlorophenol	17.118	266	41139	39.657	ng/ul	92
72)	Phenanthrene	17.511	178	288368	41.195	ng/ul	99
74)	Anthracene	17.605	178	289677	41.392	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.528	216	87749	44.174	ng/uL	96
76)	Pentachlorobenzene	15.049	250	81734	42.887	ng/uL	97
77)	Carbazole	17.864	167	262465	42.437	ng/ul	99
78)	Di-n-butylphthalate	18.434	149	316344	43.012	ng/ul	99
80)	Fluoranthene	19.521	202	370609	39.907	ng/ul	98
82)	Pyrene	19.879	202	368785	39.952	ng/ul	99
83)	Butylbenzylphthalate	20.772	149	134822	42.009	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.642	252	139529	44.191	ng/ul	96
85)	Benzo(a)anthracene	21.730	228	379952	41.789	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.653	149	197806	44.500	ng/ul	98
87)	Chrysene	21.800	228	361905	41.731	ng/ul	99
89)	Di-n-octyl phthalate	22.893	149	340911	44.833	ng/ul	100
90)	Benzo(b)fluoranthene	23.986	252	381742	40.495	ng/ul	98
91)	Benzo(k)fluoranthene	24.057	252	360582	41.445	ng/ul	98
93)	Benzo(a)pyrene	24.879	252	365276	41.042	ng/ul#	99
94)	Indeno(1,2,3-cd)pyrene	28.775	276	421585	41.884	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.845	278	359703	42.046	ng/ul	99
96)	Benzo(g,h,i)perylene	29.950	276	354546	41.669	ng/ul	99

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

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