Quantitation Report (Qedit)

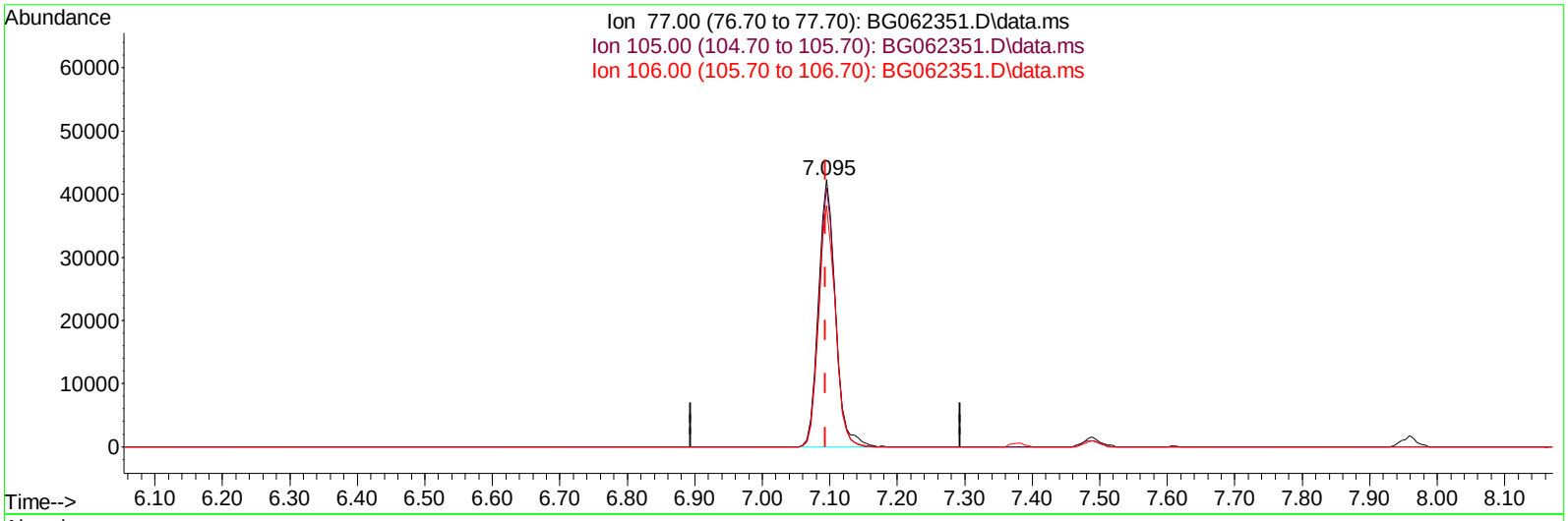
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062351.D
Acq On : 9 Aug 2024 7:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

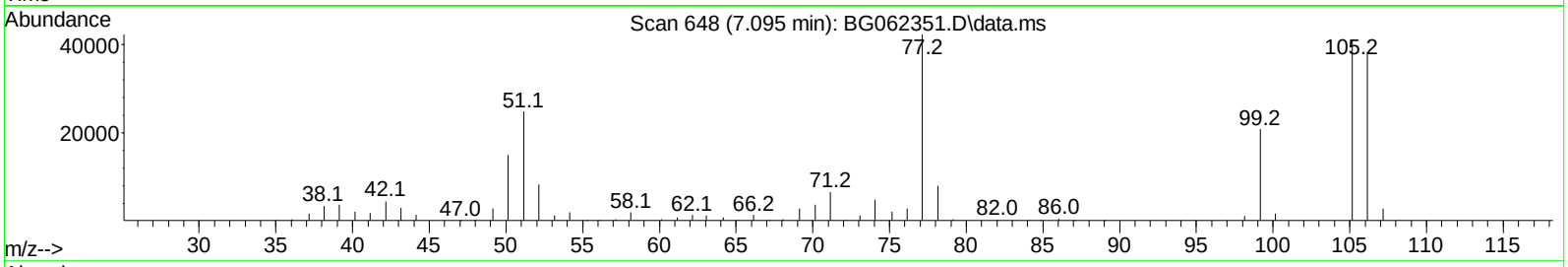
Quant Time: Aug 09 09:30:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

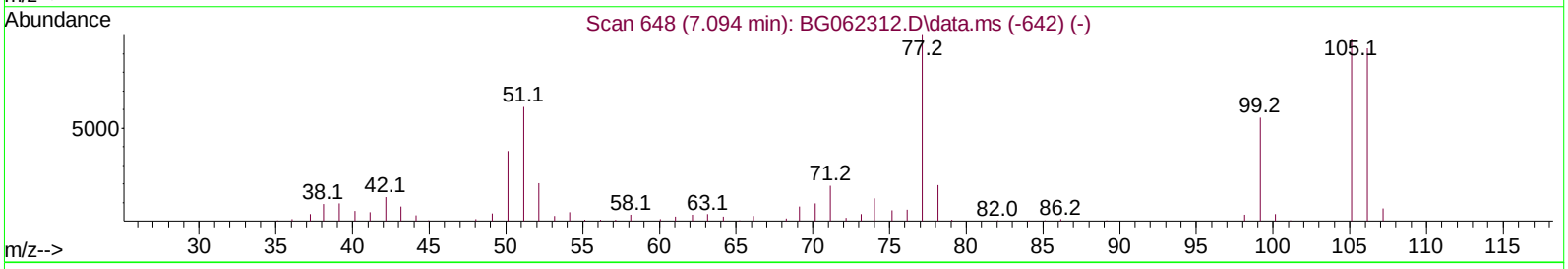
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062351.D\data.ms

(6) Benzaldehyde

7.095min (+ 0.002) 21.74 ng/ul

response 74404

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.97
106.00	91.40	90.50
0.00	0.00	0.00

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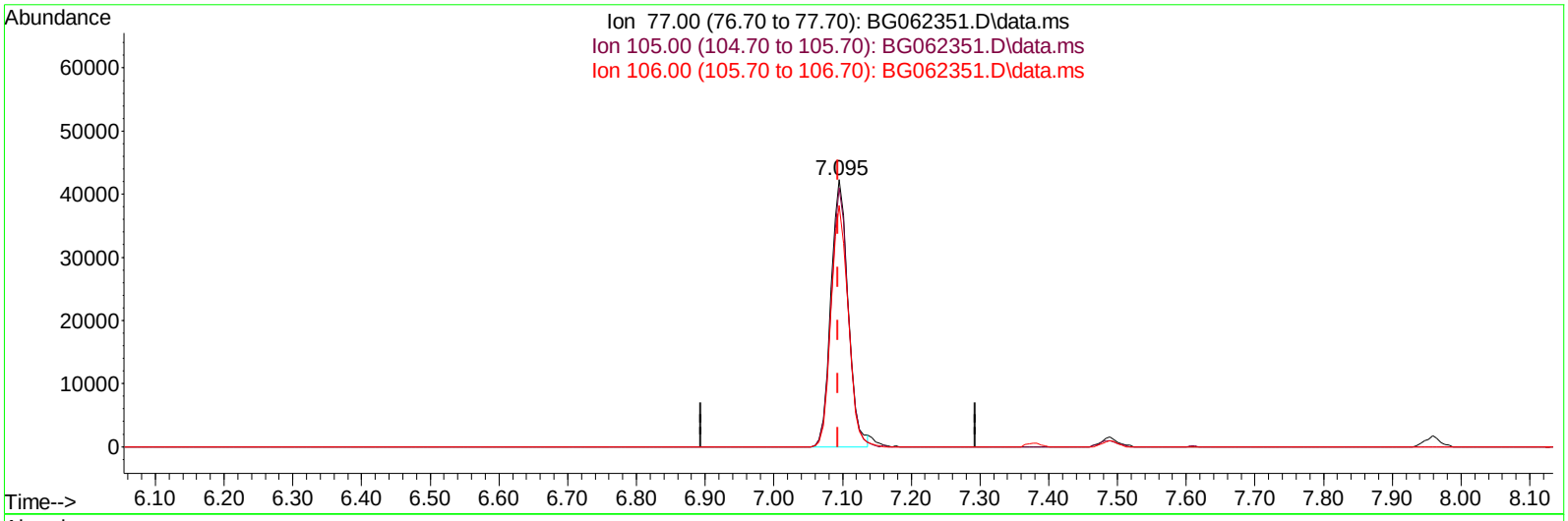

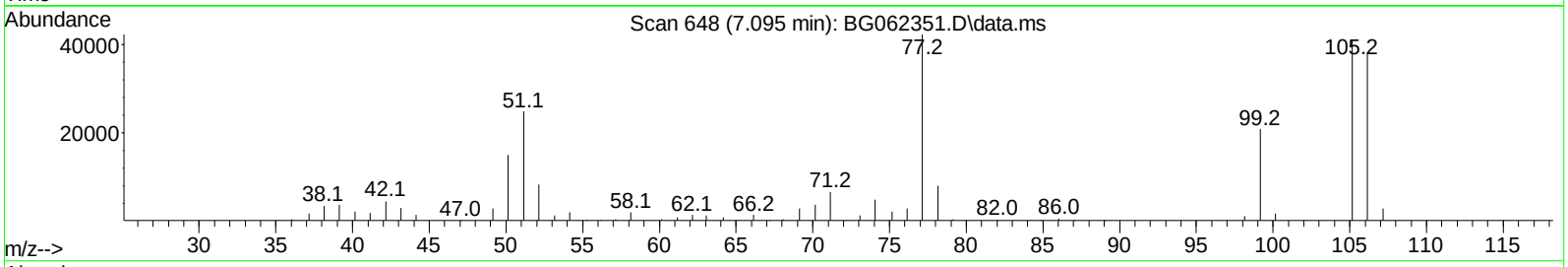

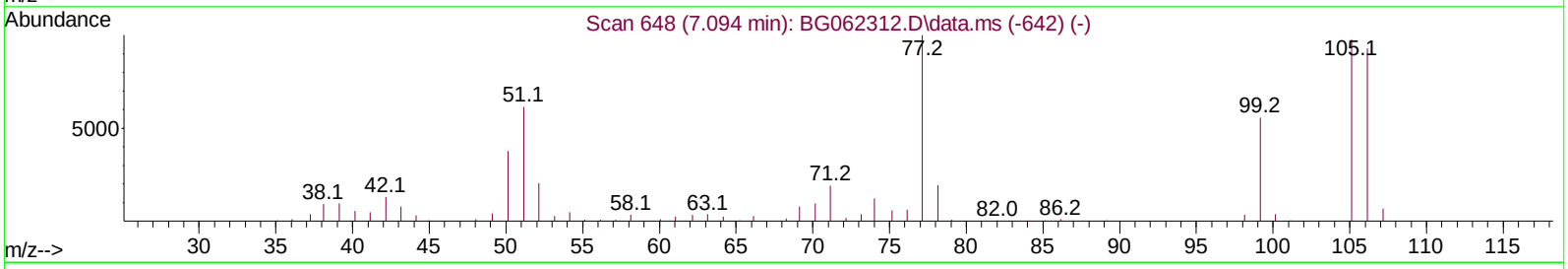

TIC: BG062351.D\data.ms

(6) Benzaldehyde

7.095min (+ 0.002) 21.40 ng/ul m

response 73223

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.97
106.00	91.40	90.50
0.00	0.00	0.00

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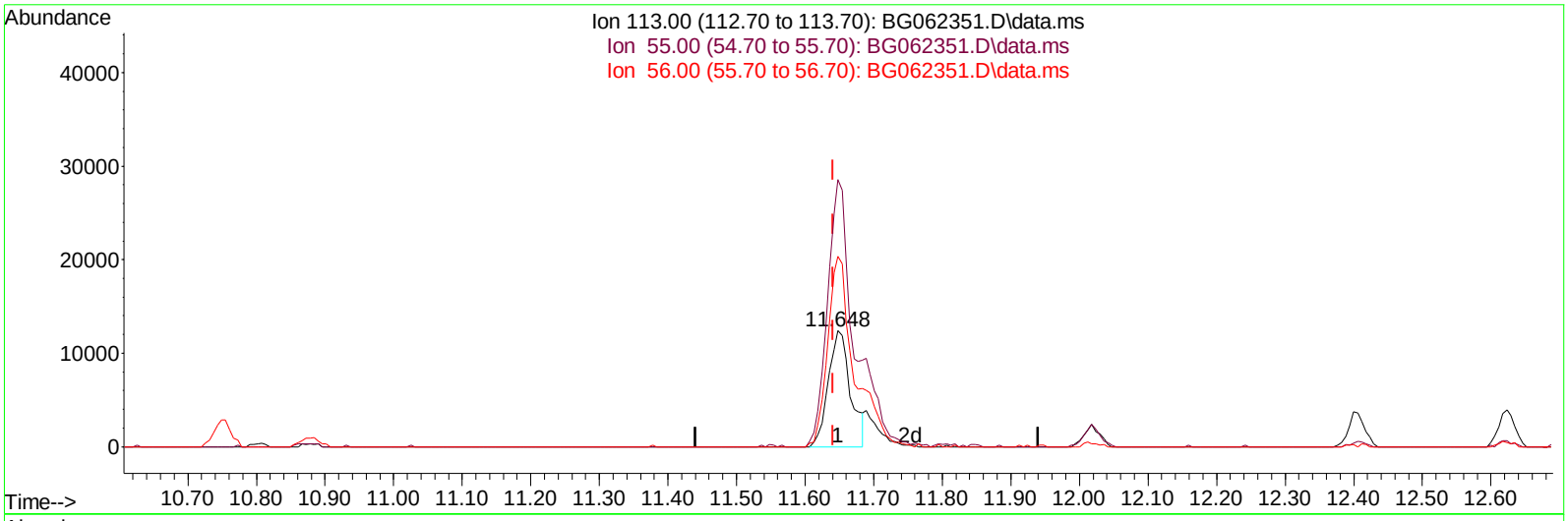

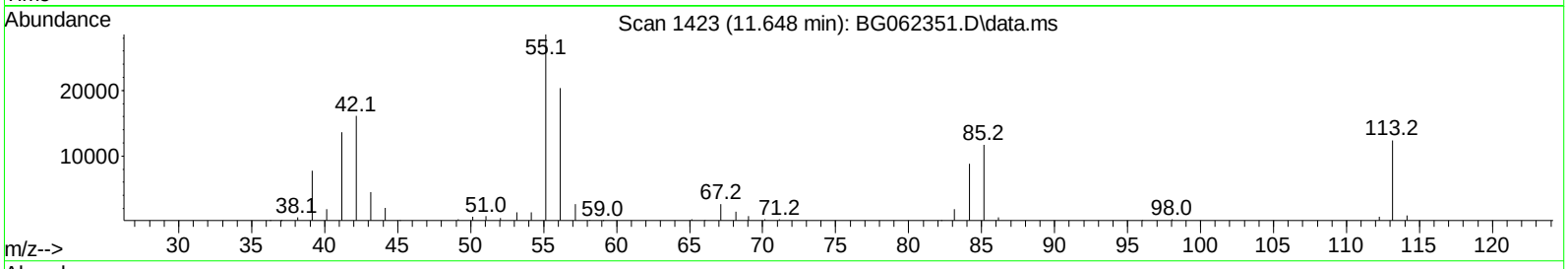

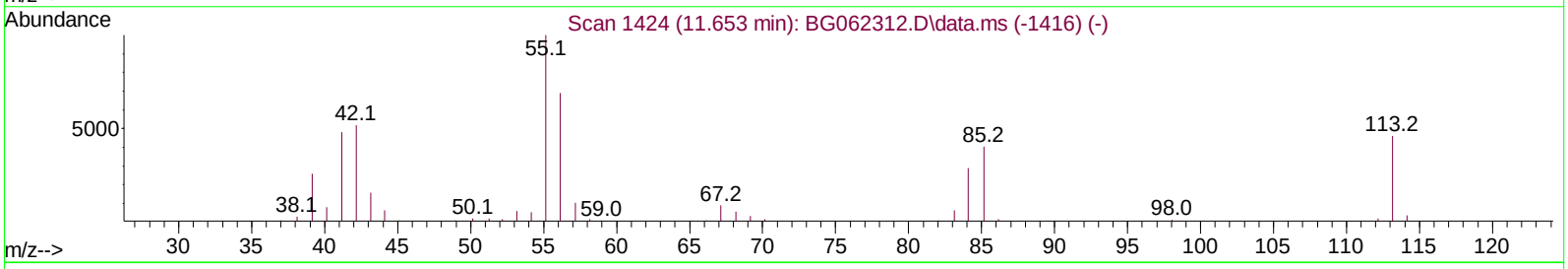

TIC: BG062351.D\data.ms

(34) Caprolactam

11.648min (+ 0.007) 14.24 ng/ul

response 27719

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	229.91
56.00	156.80	163.91
0.00	0.00	0.00

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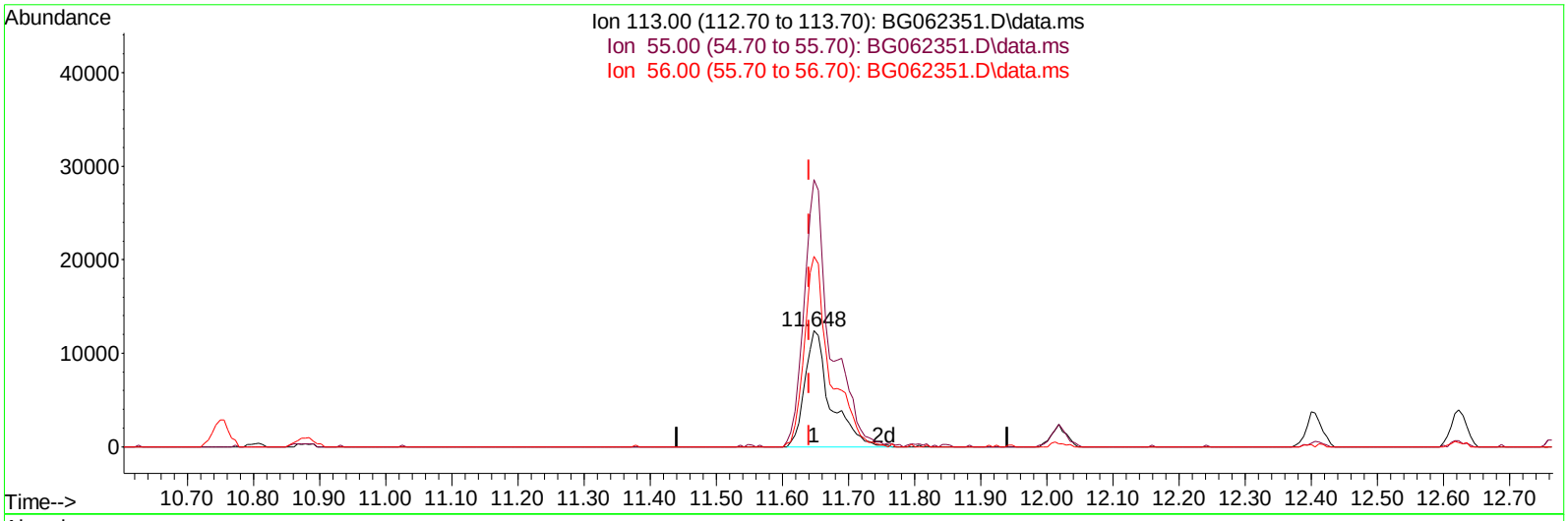

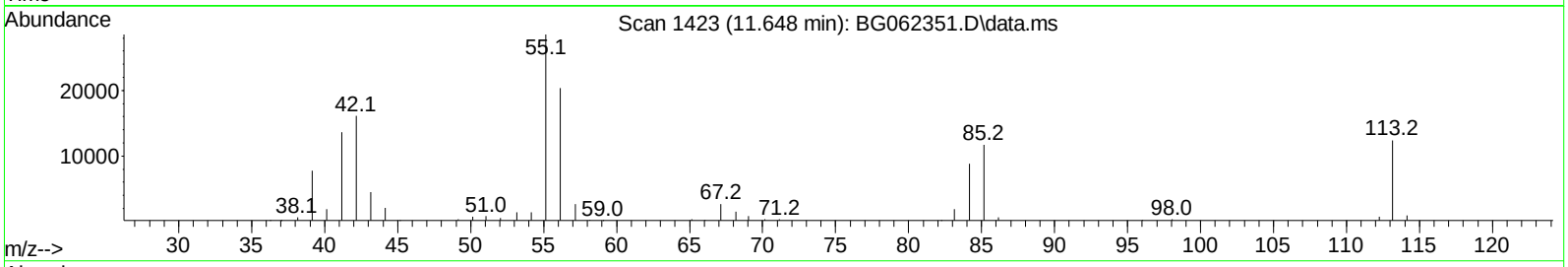

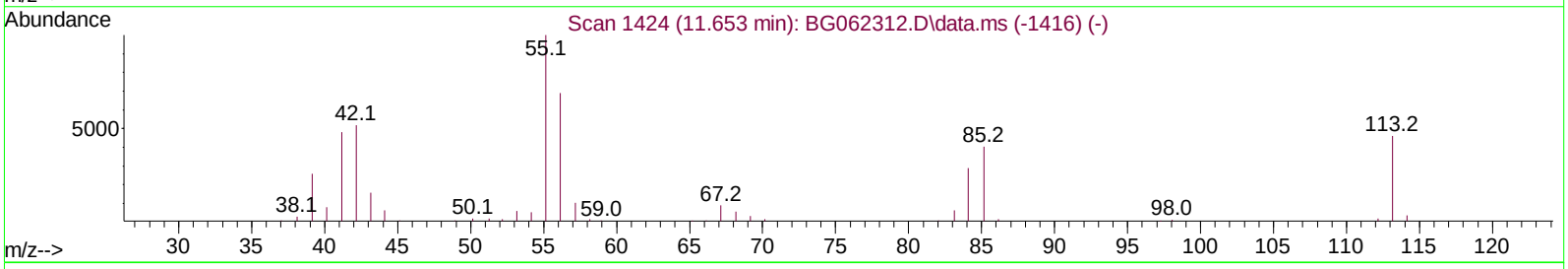

TIC: BG062351.D\data.ms

(34) Caprolactam

11.648min (+ 0.007) 17.12 ng/ul m

response 33338

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	229.91
56.00	156.80	163.91
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	7.959	152	67848	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	326015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	246248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	519601	20.000	ng/ul	0.00
79) Chrysene-d12	21.552	240	522125	20.000	ng/ul	0.00
88) Perylene-d12	24.636	264	599780	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	10960	6.965	ng/uL	0.00
4) Pyridine-d5	3.823	84	88035	17.784	ng/ul	0.00
7) Phenol-d5	7.113	99	122688	18.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.289	67	72192	18.110	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	88490	19.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	98453	18.252	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	45653	22.710	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	49510	26.181	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	107173	19.513	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	137107	17.211	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	314864	16.573	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	373256	17.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	50898	19.136	ng/ul	0.00
60) Fluorene-d10	15.566	176	293945	17.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	42604	27.686	ng/ul	0.00
73) Anthracene-d10	17.411	188	443981	17.716	ng/ul	0.00
81) Pyrene-d10	19.690	212	532454	17.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	558117	17.407	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.459	88	11606	6.533	ng/uL	95
5) Pyridine	3.847	79	92909	18.057	ng/ul	97
6) Benzaldehyde	7.095	77	73223m	21.395	ng/ul	
8) Phenol	7.142	94	128909	18.865	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.377	93	92322	18.231	ng/ul	97
12) 2-Chlorophenol	7.524	128	91962	18.655	ng/ul	93
13) 2-Methylphenol	8.388	108	93155	18.080	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.476	45	190673	18.429	ng/ul	99
16) Acetophenone	8.775	105	155716	18.127	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.764	70	82321	18.032	ng/ul	97
18) 4-Methylphenol	8.717	108	107323	18.601	ng/ul	96
19) Hexachloroethane	9.040	117	35832	19.559	ng/ul	96
22) Nitrobenzene	9.151	77	119271	20.863	ng/ul	99
23) Isophorone	9.674	82	232685	16.919	ng/ul	98
25) 2-Nitrophenol	9.862	139	55071	24.008	ng/ul	93
26) 2,4-Dimethylphenol	9.921	107	110758	16.869	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.156	93	136249	17.568	ng/ul	99
29) 2,4-Dichlorophenol	10.391	162	108163	19.430	ng/ul	99
30) Naphthalene	10.802	128	330948	17.859	ng/ul	99
32) 4-Chloroaniline	10.902	127	134093	17.222	ng/ul	99
33) Hexachlorobutadiene	11.096	225	75997	18.038	ng/ul	98
34) Caprolactam	11.648	113	33338m	17.121	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	119000	19.050	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.406	142	241955	18.952	ng/ul	96
37) 1-Methylnaphthalene	12.623	142	237939	17.988	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.770	216	152681	18.991	ng/ul	98
40) Hexachlorocyclopentadiene	12.758	237	65119	20.842	ng/ul	94
41) 2,4,6-Trichlorophenol	13.005	196	93331	20.016	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	99893	19.883	ng/ul	96
43) 1,1'-Biphenyl	13.410	154	336645	18.044	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	266629	18.392	ng/ul	99
45) 2-Nitroaniline	13.645	65	84077	22.771	ng/ul	98
47) Dimethylphthalate	14.033	163	321603	16.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	61460	23.617	ng/ul#	90
50) Acenaphthylene	14.297	152	393068	17.125	ng/ul	99
51) 3-Nitroaniline	14.468	138	62061	20.949	ng/ul#	97
52) Acenaphthene	14.638	153	294761	17.249	ng/ul	98
53) 2,4-Dinitrophenol	14.673	184	25732	24.868	ng/ul#	78
55) 4-Nitrophenol	14.767	109	43447	18.261	ng/ul	99
56) Dibenzofuran	14.973	168	411643	17.437	ng/ul	100
57) 2,4-Dinitrotoluene	14.926	165	91016	25.496	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.196	232	86754	19.177	ng/ul	97
59) Diethylphthalate	15.396	149	318134	16.530	ng/ul	99
61) Fluorene	15.619	166	314904	17.059	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.619	204	165863	17.428	ng/ul	96
63) 4-Nitroaniline	15.631	138	57254	20.053	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.690	198	48648	27.437	ng/ul	98
67) N-Nitrosodiphenylamine	15.825	169	275988	17.725	ng/ul	98
68) 4-Bromophenyl-phenylether	16.506	248	109583	18.510	ng/ul	95
69) Hexachlorobenzene	16.624	284	123964	18.000	ng/ul	98
70) Atrazine	16.776	200	108186	18.136	ng/ul	98
71) Pentachlorophenol	16.958	266	68032	18.761	ng/ul	98
72) Phenanthrene	17.358	178	512750	17.533	ng/ul	99
74) Anthracene	17.446	178	523440	17.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	154213	19.816	ng/ul	100
76) Pentachlorobenzene	14.891	250	154092	18.927	ng/ul	98
77) Carbazole	17.710	167	425814	17.298	ng/ul	99
78) Di-n-butylphthalate	18.286	149	524058	17.892	ng/ul	99
80) Fluoranthene	19.361	202	600658	17.118	ng/ul	99
82) Pyrene	19.719	202	640047	17.128	ng/ul	98
83) Butylbenzylphthalate	20.618	149	232158	18.001	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.452	252	234662	19.966	ng/ul	98
85) Benzo(a)anthracene	21.535	228	668600	17.485	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.464	149	348265	17.496	ng/ul	98
87) Chrysene	21.599	228	631624	17.498	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	601071	17.593	ng/ul	100
90) Benzo(b)fluoranthene	23.661	252	644412	17.663	ng/ul	98
91) Benzo(k)fluoranthene	23.732	252	637168	17.166	ng/ul	99
93) Benzo(a)pyrene	24.495	252	600363	17.391	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.114	276	777296	17.375	ng/ul	99
95) Dibenzo(a,h)anthracene	28.184	278	637252	17.440	ng/ul	98
96) Benzo(g,h,i)perylene	29.212	276	590544	17.384	ng/ul	98

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

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