Quantitation Report (Qedit)

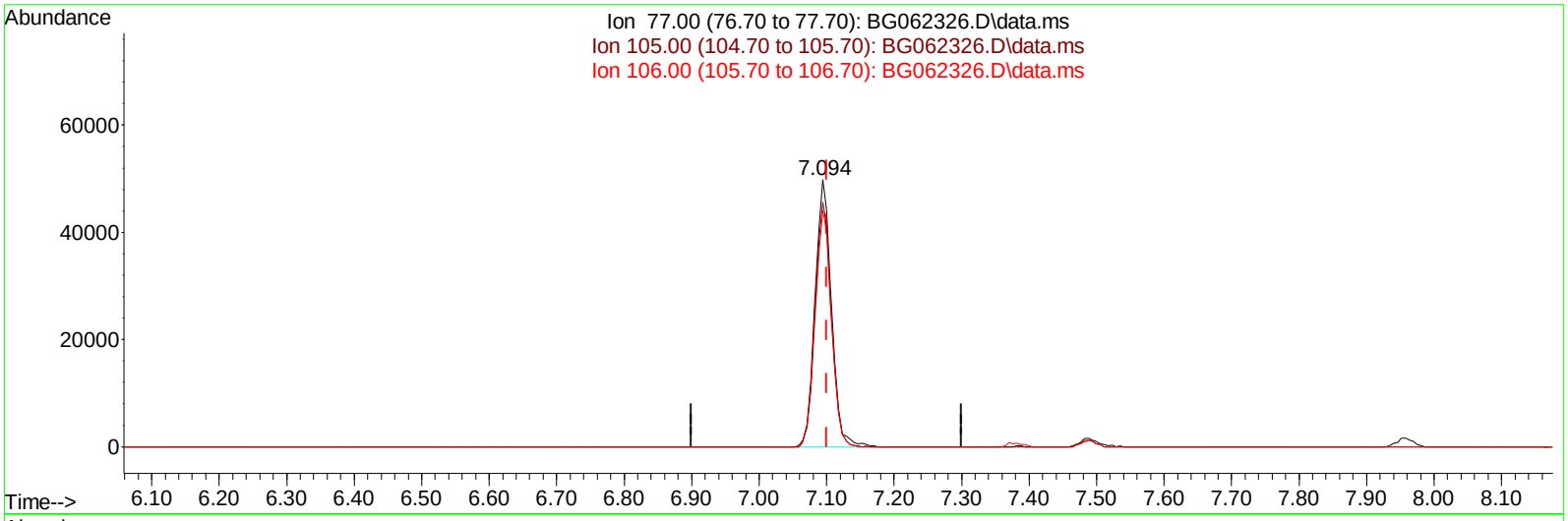
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062326.D
Acq On : 8 Aug 2024 9:20
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

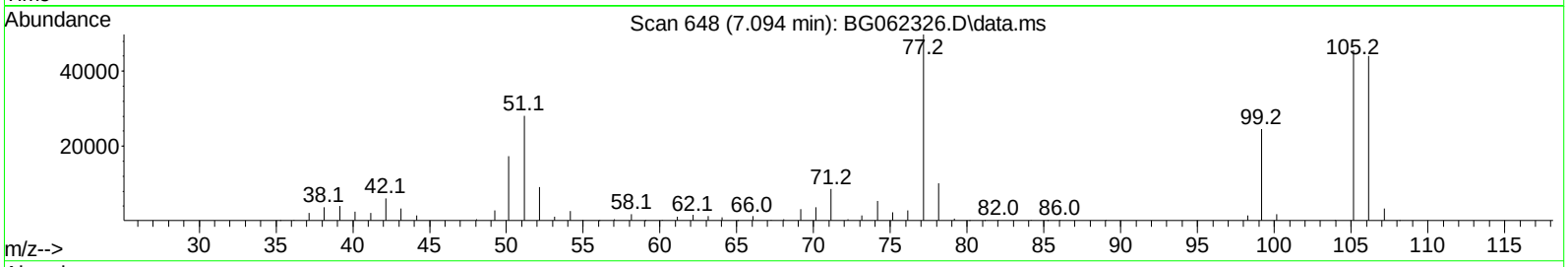
Quant Time: Aug 08 13:06:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

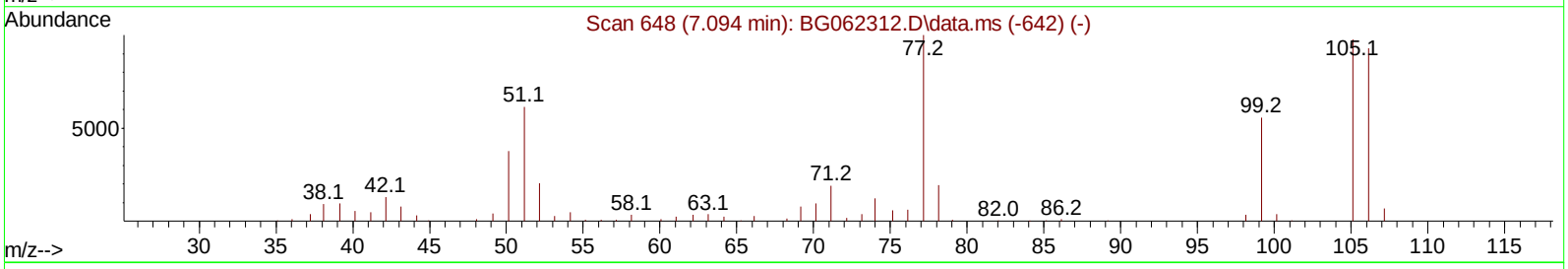
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062326.D\data.ms

(6) Benzaldehyde

7.094min (-0.006) 22.12 ng/ul

response 84669

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	91.52
106.00	91.40	88.53
0.00	0.00	0.00

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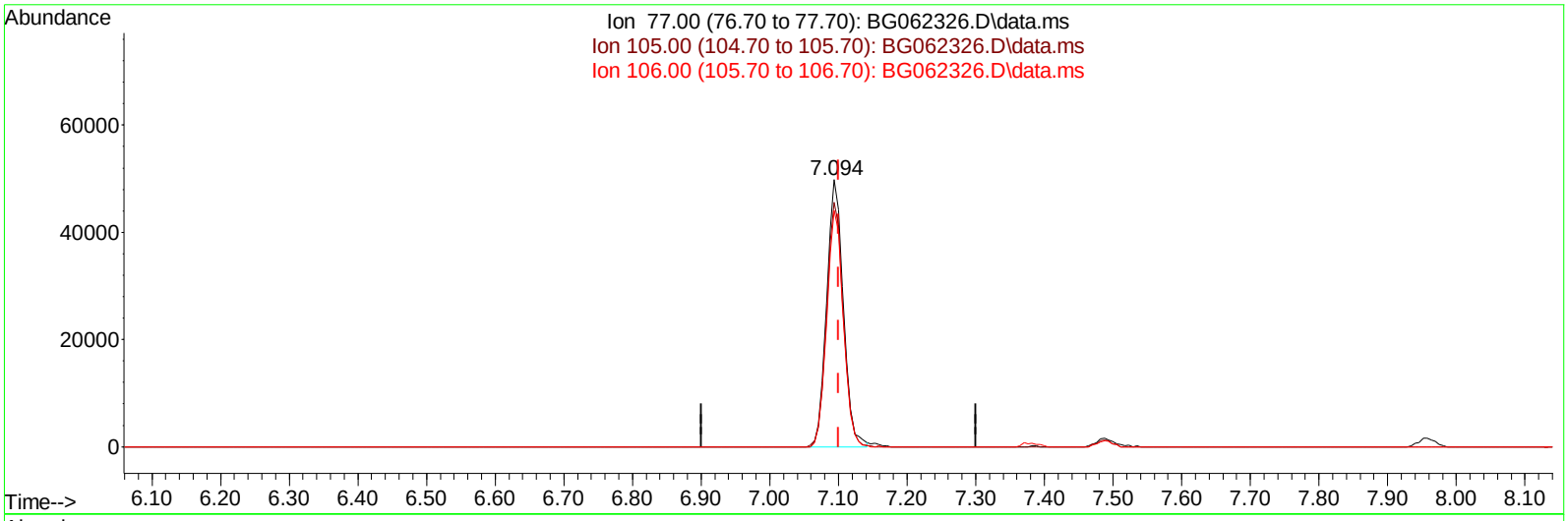

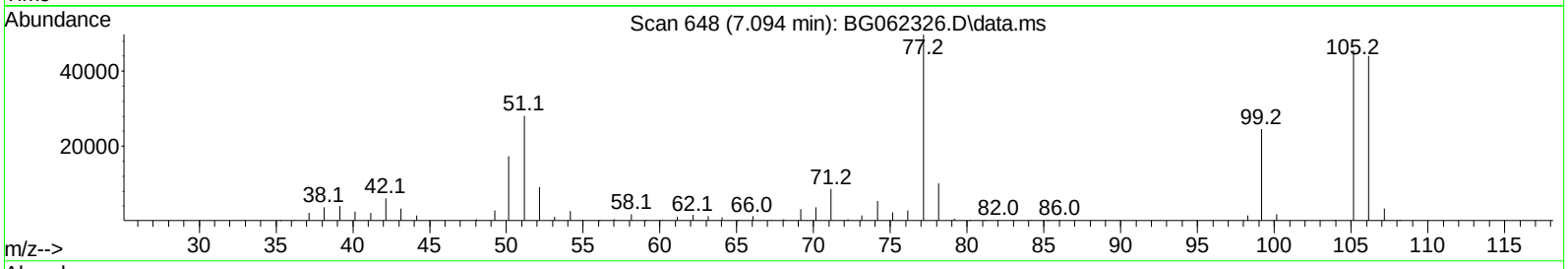

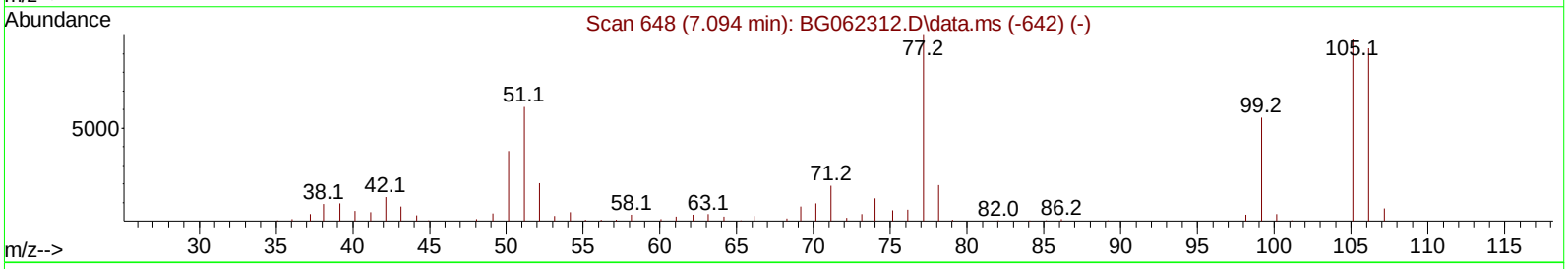

TIC: BG062326.D\data.ms

(6) Benzaldehyde

7.094min (-0.006) 21.93 ng/ul m

response 83948

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	91.52
106.00	91.40	88.53
0.00	0.00	0.00

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 08 13:05:00 2024
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Quant Title : SVOA CALIBRATION
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LabSampleId :
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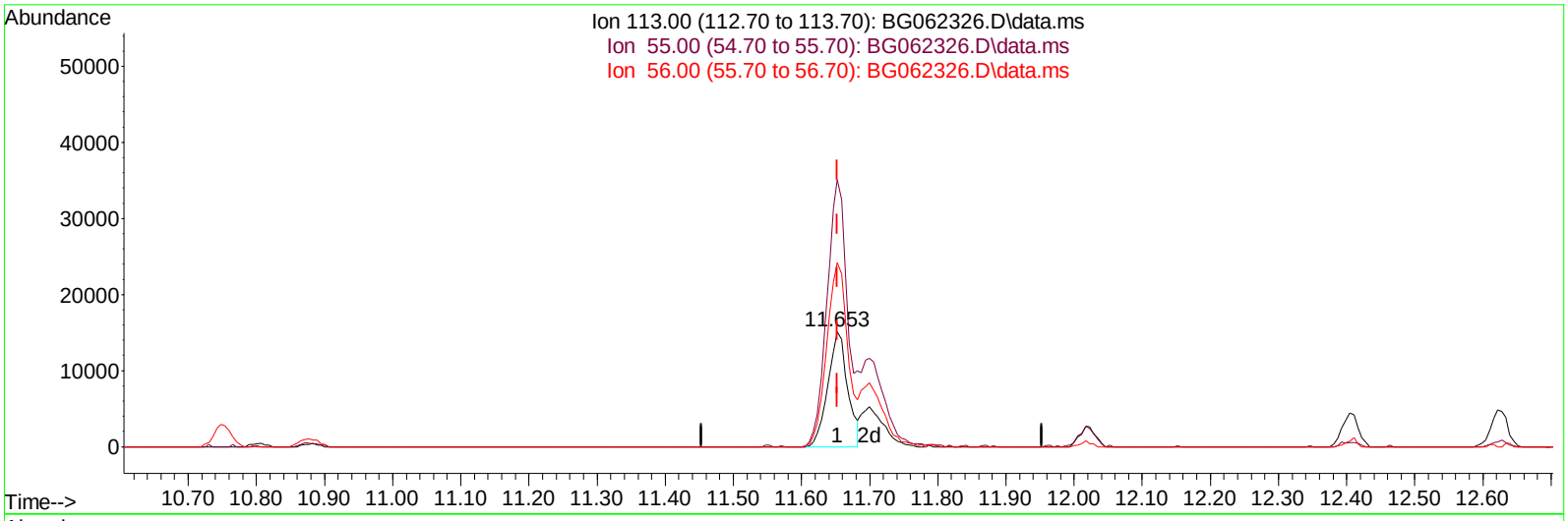

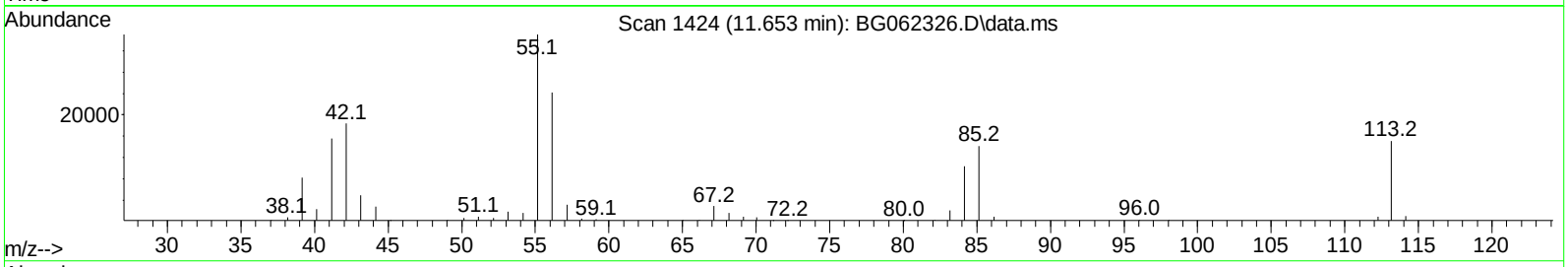

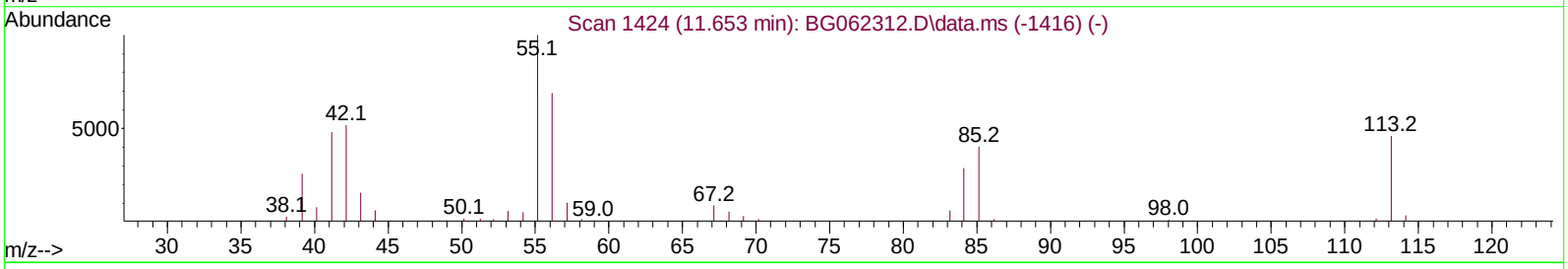

TIC: BG062326.D\data.ms

(34) Caprolactam

11.653min (-0.000) 14.34 ng/ul

response 30564

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	232.15
56.00	156.80	160.10
0.00	0.00	0.00

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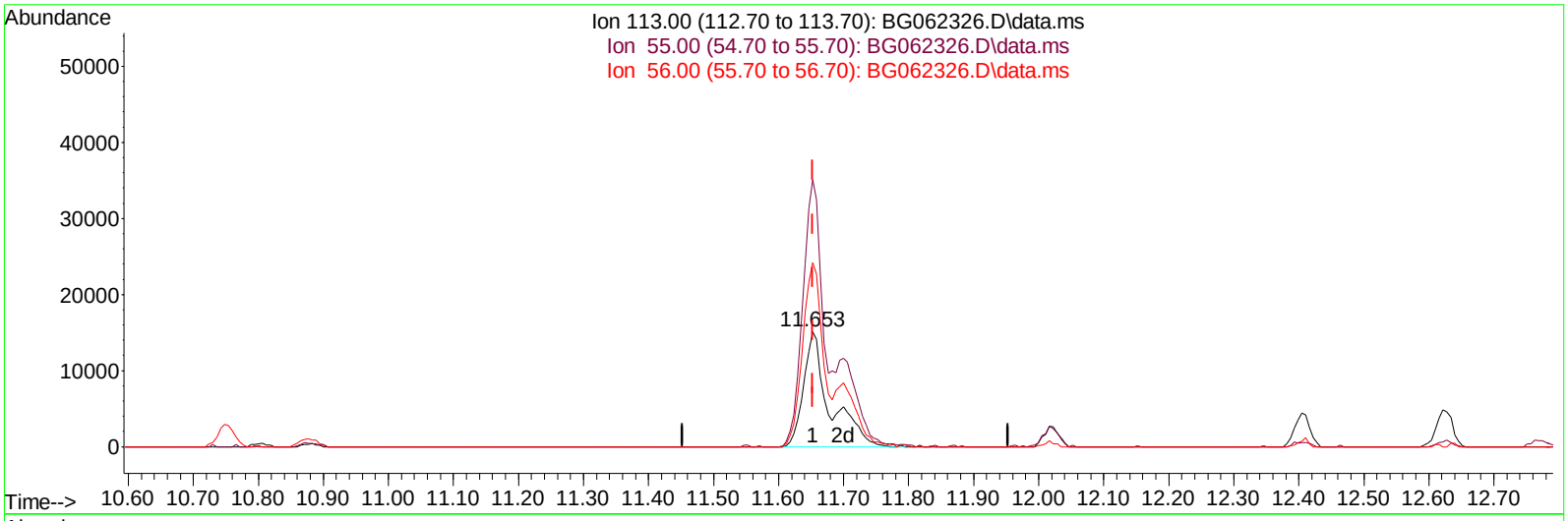

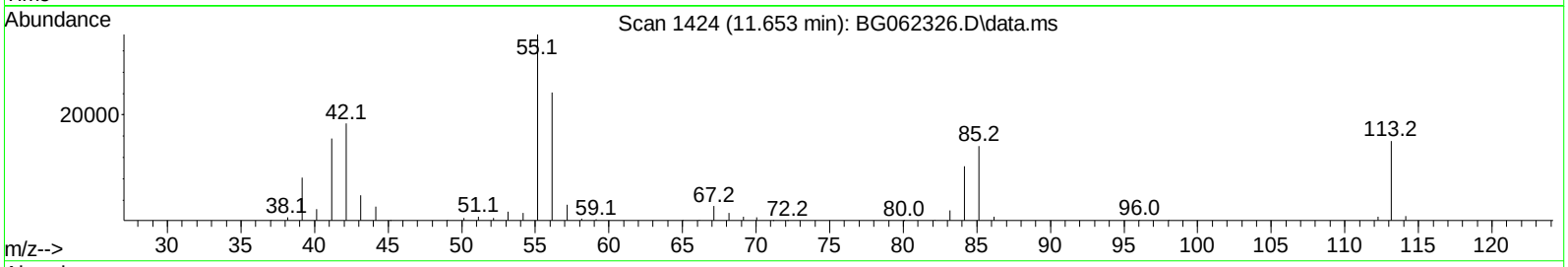

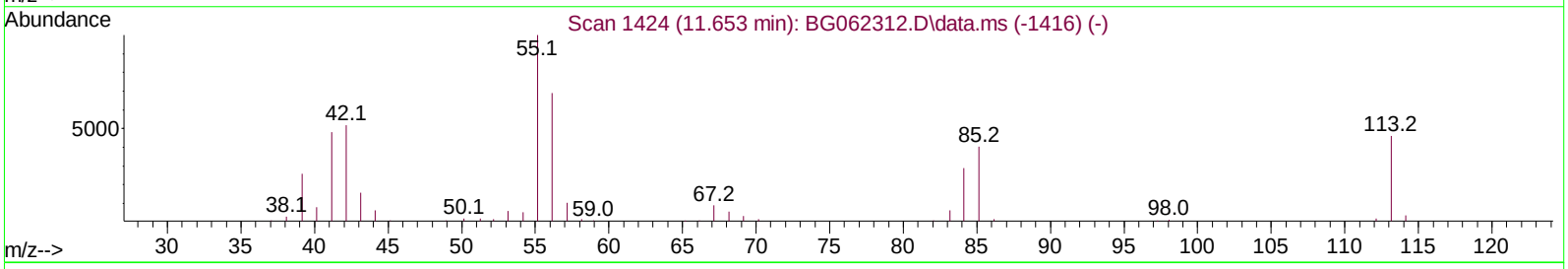

TIC: BG062326.D\data.ms

(34) Caprolactam

11.653min (-0.000) 19.90 ng/ul m

response 42428

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	232.15
56.00	156.80	160.10
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	7.958	152	75887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	356900	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	290897	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	622307	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	621179	20.000	ng/ul	0.00
88) Perylene-d12	24.641	264	720524	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	12519	7.113	ng/uL	0.00
4) Pyridine-d5	3.822	84	105334	19.025	ng/ul	0.00
7) Phenol-d5	7.112	99	144090	19.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	87512	19.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	104085	20.057	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	117429	19.464	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	55161	25.065	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	59856	28.913	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	125063	20.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	169004	19.379	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	399010	17.778	ng/ul	0.00
49) Acenaphthylene-d8	14.267	160	459911	18.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	65215	20.755	ng/ul	0.00
60) Fluorene-d10	15.565	176	365962	18.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	54341	29.485	ng/ul	0.00
73) Anthracene-d10	17.415	188	555518	18.508	ng/ul	0.00
81) Pyrene-d10	19.695	212	680571	18.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.429	264	708337	18.390	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	13730	6.910	ng/uL	92
5) Pyridine	3.846	79	108802	18.906	ng/ul	99
6) Benzaldehyde	7.094	77	83948m	21.930	ng/ul	
8) Phenol	7.141	94	152681	19.977	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.376	93	109655	19.360	ng/ul	95
12) 2-Chlorophenol	7.523	128	108380	19.657	ng/ul	97
13) 2-Methylphenol	8.386	108	113571	19.707	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	229167	19.803	ng/ul	100
16) Acetophenone	8.774	105	192027	19.986	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.762	70	103374	20.245	ng/ul	97
18) 4-Methylphenol	8.715	108	128824	19.962	ng/ul	96
19) Hexachloroethane	9.044	117	41602	20.303	ng/ul	96
22) Nitrobenzene	9.150	77	142150	22.714	ng/ul	97
23) Isophorone	9.679	82	287823	19.118	ng/ul	99
25) 2-Nitrophenol	9.861	139	67749	26.979	ng/ul	98
26) 2,4-Dimethylphenol	9.920	107	127571	17.749	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.161	93	164786	19.409	ng/ul	98
29) 2,4-Dichlorophenol	10.396	162	128522	21.090	ng/ul	99
30) Naphthalene	10.801	128	388487	19.150	ng/ul	100
32) 4-Chloroaniline	10.901	127	159854	18.754	ng/ul	100
33) Hexachlorobutadiene	11.095	225	91140	19.760	ng/ul	96
34) Caprolactam	11.653	113	42428m	19.904	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	148607	21.731	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	12.405	142	293593	21.006 ng/ul	100
37) 1-Methylnaphthalene	12.622	142	297567	20.550 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	188776	19.877 ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	85307	23.113 ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	115355	20.942 ng/ul	98
42) 2,4,5-Trichlorophenol	13.074	196	125987	21.228 ng/ul	97
43) 1,1'-Biphenyl	13.415	154	417919	18.962 ng/ul	99
44) 2-Chloronaphthalene	13.450	162	325853	19.027 ng/ul	100
45) 2-Nitroaniline	13.644	65	103000	23.614 ng/ul	95
47) Dimethylphthalate	14.032	163	405949	18.030 ng/ul	99
48) 2,6-Dinitrotoluene	14.143	165	77579	25.236 ng/ul	94
50) Acenaphthylene	14.296	152	493413	18.197 ng/ul	99
51) 3-Nitroaniline	14.472	138	75724	21.637 ng/ul#	89
52) Acenaphthene	14.637	153	367866	18.223 ng/ul	98
53) 2,4-Dinitrophenol	14.672	184	31555	25.815 ng/ul#	83
55) 4-Nitrophenol	14.772	109	55032	19.580 ng/ul	93
56) Dibenzofuran	14.972	168	511266	18.333 ng/ul	98
57) 2,4-Dinitrotoluene	14.931	165	111531	26.448 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.195	232	112255	21.005 ng/ul	99
59) Diethylphthalate	15.400	149	396067	17.421 ng/ul	99
61) Fluorene	15.624	166	395069	18.117 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.618	204	204855	18.221 ng/ul	96
63) 4-Nitroaniline	15.630	138	70434	20.883 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.688	198	61085	28.766 ng/ul	98
67) N-Nitrosodiphenylamine	15.829	169	353466	18.955 ng/ul	98
68) 4-Bromophenyl-phenylether	16.511	248	139024	19.608 ng/ul	96
69) Hexachlorobenzene	16.622	284	154556	18.738 ng/ul	97
70) Atrazine	16.775	200	137946	19.309 ng/ul	99
71) Pentachlorophenol	16.963	266	94056	21.656 ng/ul	98
72) Phenanthrene	17.357	178	644200	18.392 ng/ul	99
74) Anthracene	17.451	178	660148	18.364 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.374	216	192283	20.631 ng/ul	100
76) Pentachlorobenzene	14.895	250	191493	19.639 ng/ul	97
77) Carbazole	17.709	167	555536	18.844 ng/ul	100
78) Di-n-butylphthalate	18.285	149	668550	19.058 ng/ul	100
80) Fluoranthene	19.366	202	765175	18.329 ng/ul	98
82) Pyrene	19.724	202	822708	18.505 ng/ul	100
83) Butylbenzylphthalate	20.623	149	295902	19.285 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	291124	20.821 ng/ul	99
85) Benzo(a)anthracene	21.539	228	846923	18.617 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	443748	18.738 ng/ul	98
87) Chrysene	21.598	228	803827	18.717 ng/ul	99
89) Di-n-octyl phthalate	22.650	149	753065	18.348 ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	821146	18.735 ng/ul	99
91) Benzo(k)fluoranthene	23.730	252	807619	18.112 ng/ul	99
93) Benzo(a)pyrene	24.500	252	764551	18.435 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.136	276	981958	18.272 ng/ul	99
95) Dibenzo(a,h)anthracene	28.201	278	793963	18.088 ng/ul	98
96) Benzo(g,h,i)perylene	29.217	276	740688	18.149 ng/ul	97

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

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