Quantitation Report (Qedit)

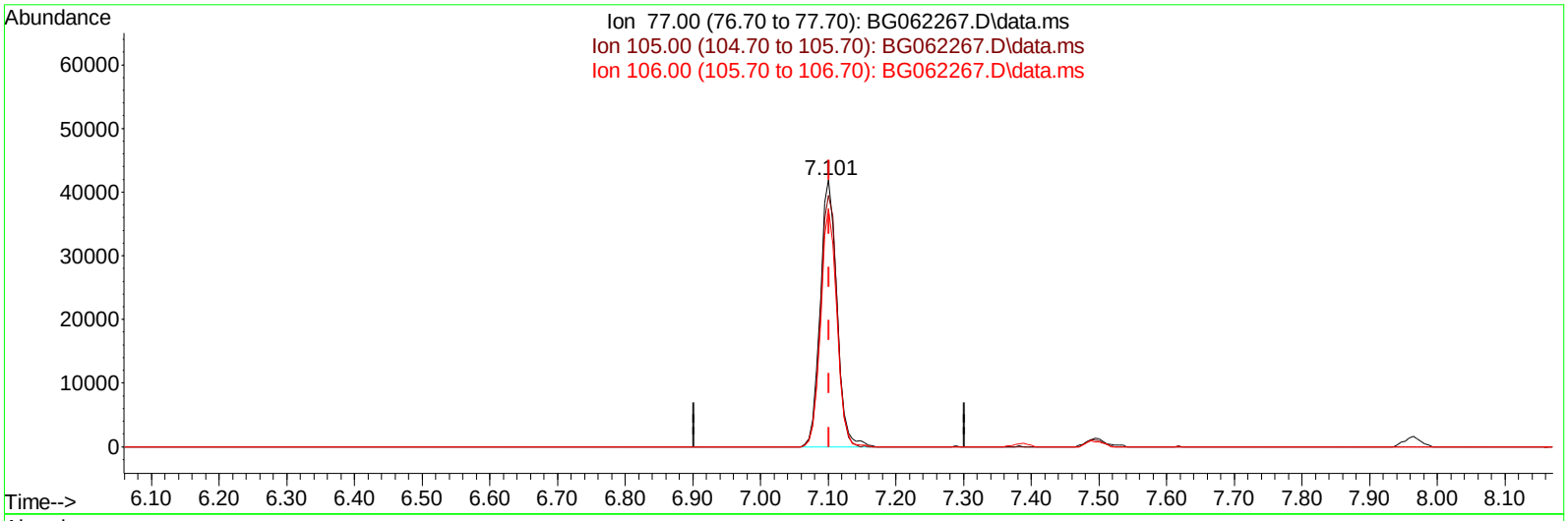
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062267.D
Acq On : 6 Aug 2024 12:39
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

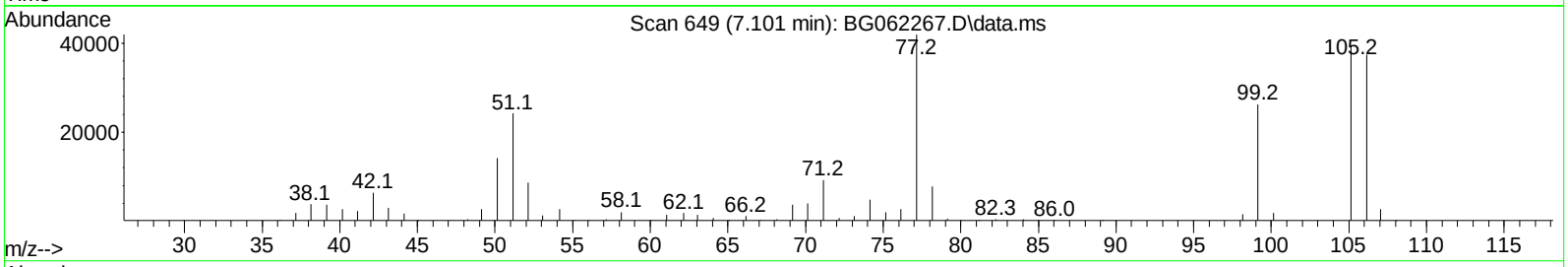
Quant Time: Aug 06 13:42:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

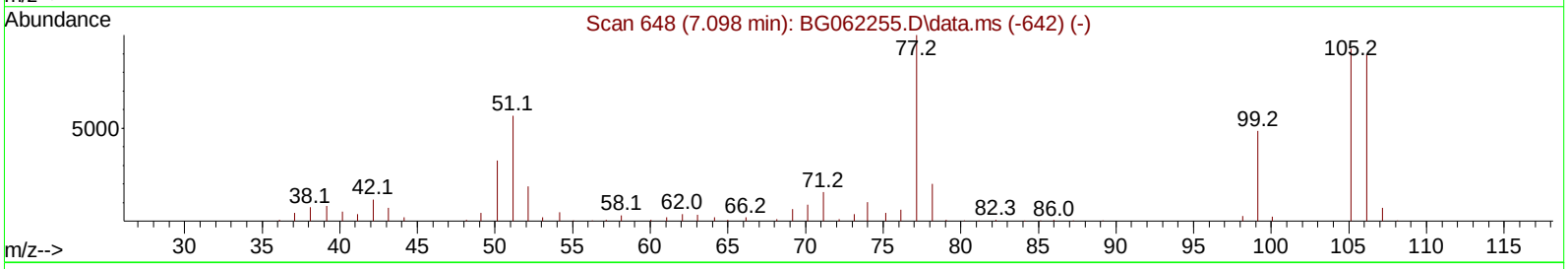
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024







TIC: BG062267.D\data.ms

(6) Benzaldehyde

7.101min (-0.001) 21.68 ng/ul

response 71872

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	94.29
106.00	91.40	89.22
0.00	0.00	0.00

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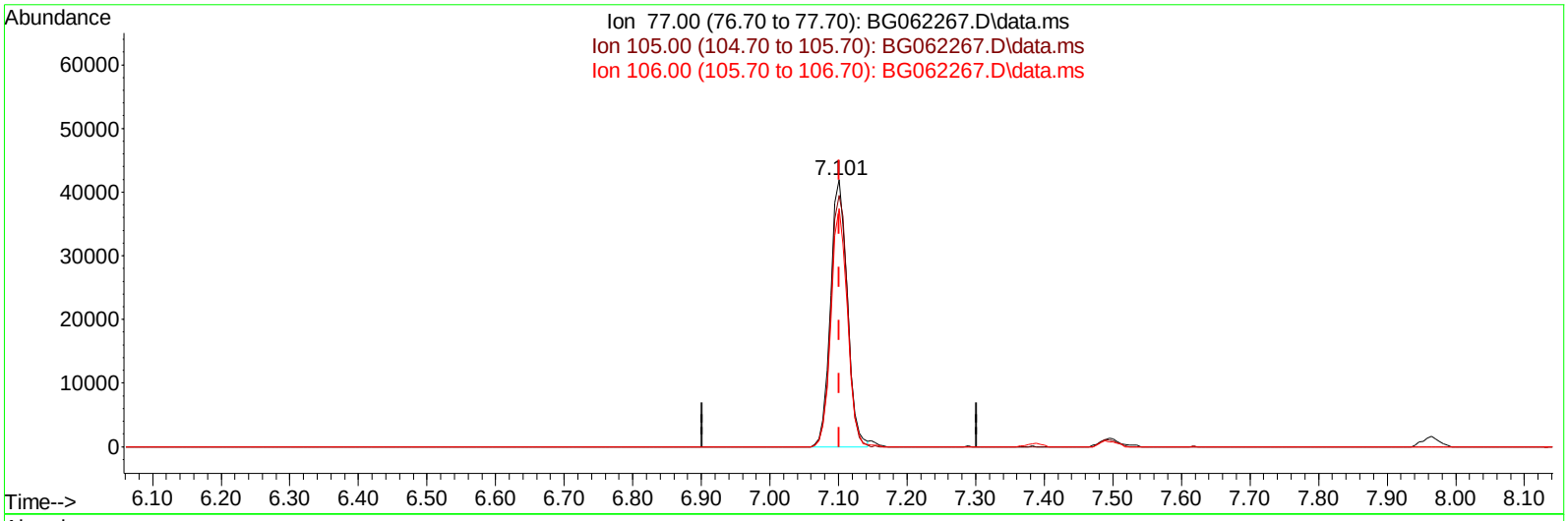

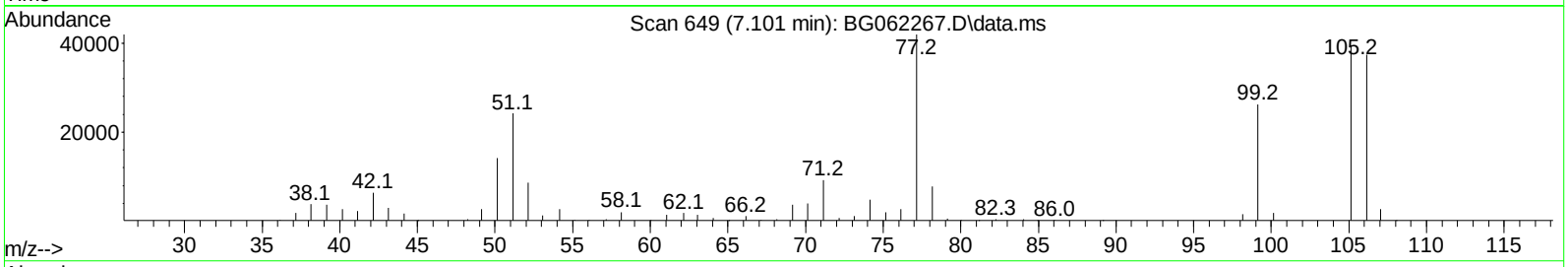

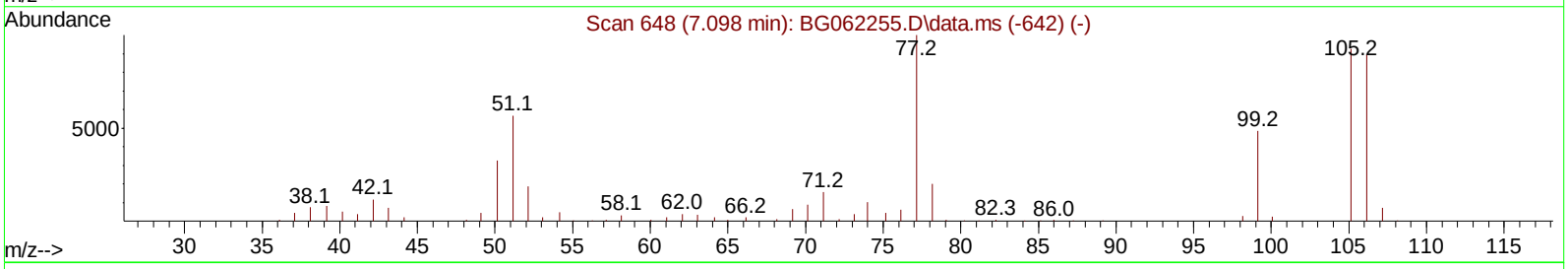

TIC: BG062267.D\data.ms

(6) Benzaldehyde

7.101min (-0.001) 21.46 ng/ul m

response 71132

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	94.29
106.00	91.40	89.22
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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LabSampleId :
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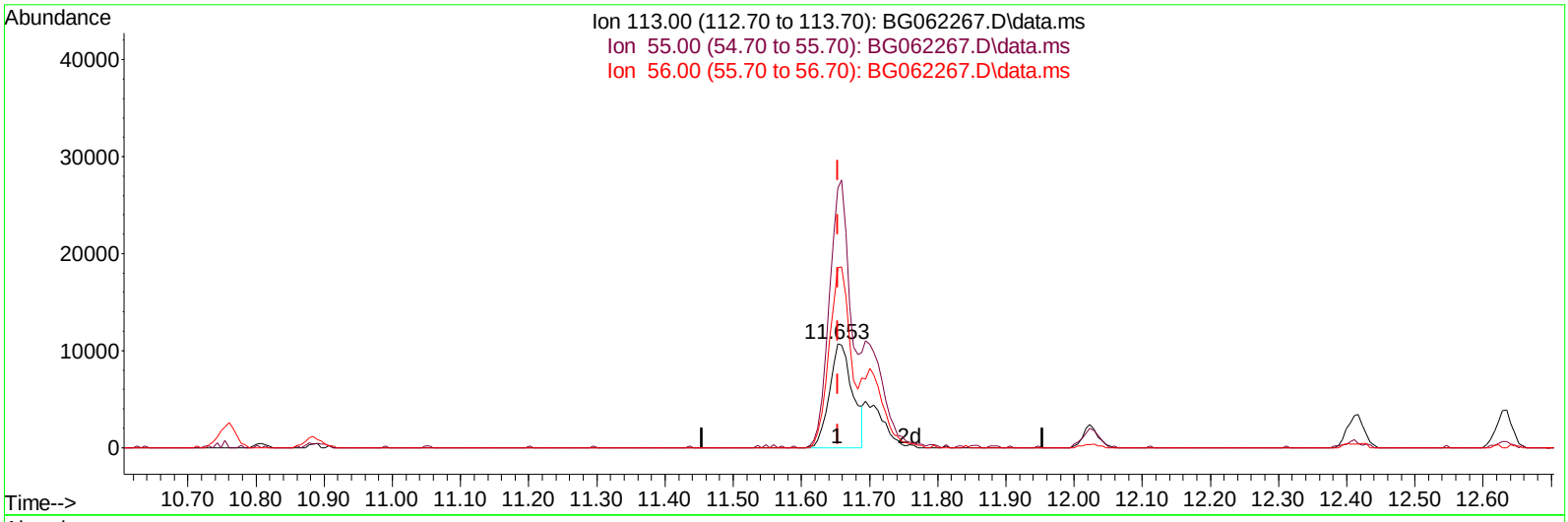

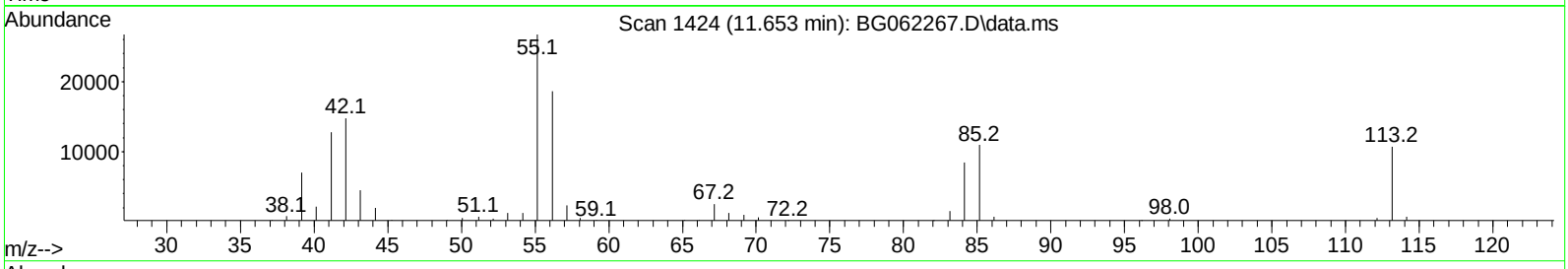

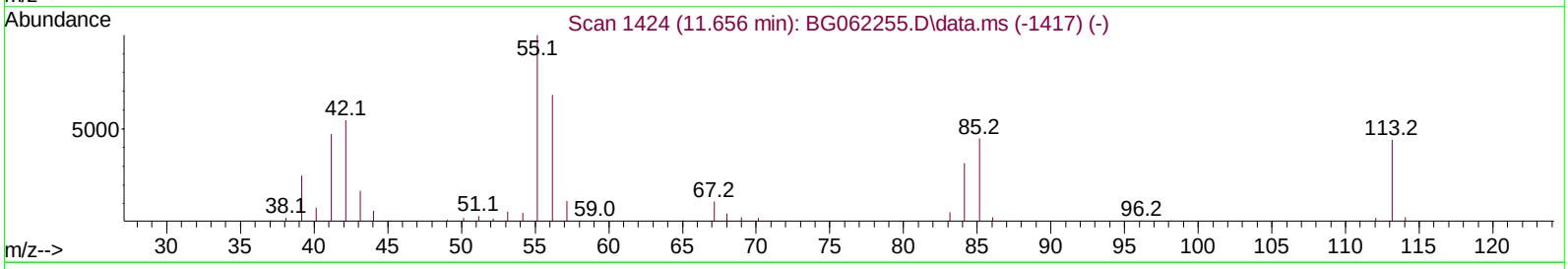

TIC: BG062267.D\data.ms

(34) Caprolactam

11.653min (-0.001) 13.99 ng/ul

response 25412

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	249.85
56.00	156.80	173.69
0.00	0.00	0.00

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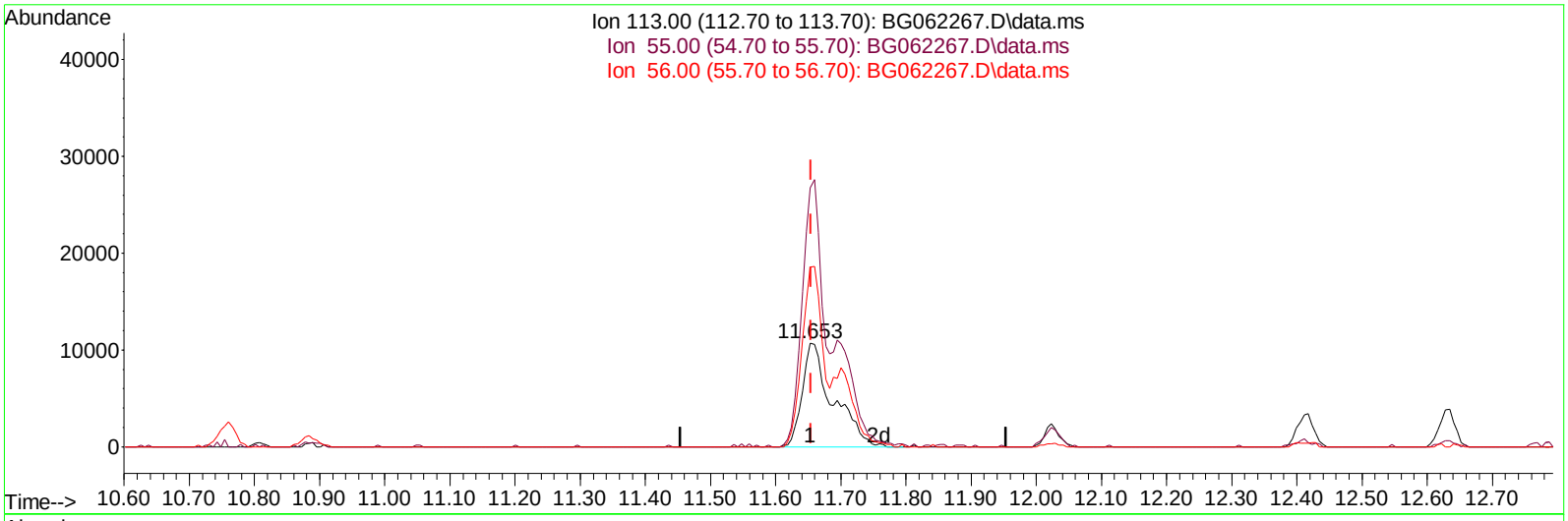

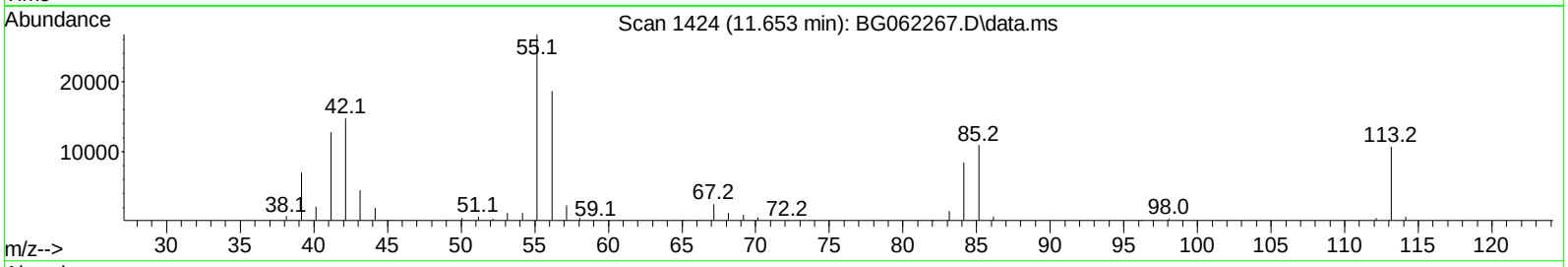

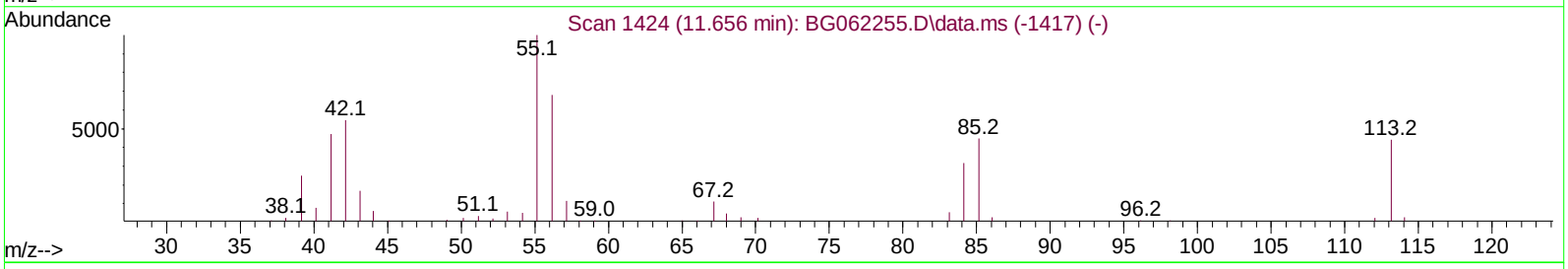

TIC: BG062267.D\data.ms

(34) Caprolactam

11.653min (-0.001) 19.16 ng/ul m

response 34795

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	249.85
56.00	156.80	173.69
0.00	0.00	0.00

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Quant Time: Aug 07 00:16:17 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	65726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.760	136	304017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.585	164	229871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	508715	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	497254	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	577263	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	10544	6.917	ng/uL	0.00
4) Pyridine-d5	3.829	84	82314	17.165	ng/ul	0.00
7) Phenol-d5	7.118	99	120296	19.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	69793	18.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.494	132	87780	19.530	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	98848	18.917	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	42148	22.483	ng/ul	0.00
24) 2-Nitrophenol-d4	9.838	143	45889	26.022	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	105326	20.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.884	131	140404	18.900	ng/ul	0.00
46) Dimethylphthalate-d6	13.991	166	331722	18.704	ng/ul	0.00
49) Acenaphthylene-d8	14.279	160	384347	19.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	53729	21.639	ng/ul	0.00
60) Fluorene-d10	15.577	176	302874	19.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.683	200	37765	25.067	ng/ul	0.00
73) Anthracene-d10	17.422	188	465788	18.984	ng/ul	0.00
81) Pyrene-d10	19.701	212	572040	19.355	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.454	264	589384	19.099	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.459	88	11229	6.525	ng/uL	94
5) Pyridine	3.846	79	86538	17.362	ng/ul	96
6) Benzaldehyde	7.101	77	71132m	21.455	ng/ul	
8) Phenol	7.142	94	124829	18.858	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.383	93	88361	18.012	ng/ul	96
12) 2-Chlorophenol	7.529	128	93494	19.579	ng/ul	96
13) 2-Methylphenol	8.393	108	94169	18.867	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	184805	18.438	ng/ul	99
16) Acetophenone	8.781	105	155654	18.705	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	82474	18.649	ng/ul	97
18) 4-Methylphenol	8.722	108	105514	18.878	ng/ul	97
19) Hexachloroethane	9.045	117	35397	19.946	ng/ul	95
22) Nitrobenzene	9.157	77	113856	21.357	ng/ul	99
23) Isophorone	9.685	82	235332	18.350	ng/ul	97
25) 2-Nitrophenol	9.867	139	53423	24.975	ng/ul	96
26) 2,4-Dimethylphenol	9.926	107	118310	19.323	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.167	93	133742	18.492	ng/ul	98
29) 2,4-Dichlorophenol	10.402	162	103652	19.967	ng/ul	98
30) Naphthalene	10.807	128	332720	19.254	ng/ul	99
32) 4-Chloroaniline	10.907	127	137220	18.898	ng/ul	99
33) Hexachlorobutadiene	11.101	225	77066	19.615	ng/ul	97
34) Caprolactam	11.653	113	34795m	19.162	ng/ul	
35) 4-Chloro-3-methylphenol	12.023	107	117056	20.095	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.411	142	235640	19.793	ng/ul	99
37) 1-Methylnaphthalene	12.628	142	238507	19.336	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	140937	18.779	ng/ul	98
40) Hexachlorocyclopentadiene	12.764	237	59029	20.239	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	86468	19.865	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	96759	20.632	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	338736	19.449	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	267969	19.801	ng/ul	98
45) 2-Nitroaniline	13.651	65	81415	23.621	ng/ul	98
47) Dimethylphthalate	14.038	163	331151	18.612	ng/ul	99
48) 2,6-Dinitrotoluene	14.150	165	58855	24.228	ng/ul	94
50) Acenaphthylene	14.303	152	405054	18.905	ng/ul	98
51) 3-Nitroaniline	14.473	138	60426	21.850	ng/ul	95
52) Acenaphthene	14.649	153	299077	18.748	ng/ul	99
53) 2,4-Dinitrophenol	14.679	184	21543	22.303	ng/ul#	82
55) 4-Nitrophenol	14.773	109	46525	20.948	ng/ul	98
56) Dibenzofuran	14.984	168	420517	19.082	ng/ul	100
57) 2,4-Dinitrotoluene	14.937	165	84702	25.418	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.201	232	93247	22.080	ng/ul	98
59) Diethylphthalate	15.407	149	334002	18.591	ng/ul	99
61) Fluorene	15.630	166	326184	18.929	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	172342	19.399	ng/ul	95
63) 4-Nitroaniline	15.636	138	59931	22.487	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.701	198	42157	24.285	ng/ul	97
67) N-Nitrosodiphenylamine	15.836	169	295623	19.393	ng/ul	99
68) 4-Bromophenyl-phenylether	16.517	248	114067	19.680	ng/ul	99
69) Hexachlorobenzene	16.635	284	131765	19.542	ng/ul	96
70) Atrazine	16.788	200	115766	19.822	ng/ul	99
71) Pentachlorophenol	16.970	266	78082	21.993	ng/ul	98
72) Phenanthrene	17.363	178	543270	18.974	ng/ul	100
74) Anthracene	17.457	178	551598	18.770	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	154046	20.219	ng/ul	99
76) Pentachlorobenzene	14.902	250	154806	19.422	ng/ul	97
77) Carbazole	17.722	167	467860	19.413	ng/ul	99
78) Di-n-butylphthalate	18.297	149	574867	20.046	ng/ul	99
80) Fluoranthene	19.372	202	654627	19.589	ng/ul	99
82) Pyrene	19.731	202	688477	19.346	ng/ul	98
83) Butylbenzylphthalate	20.635	149	262493	21.371	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.464	252	241323	21.560	ng/ul	99
85) Benzo(a)anthracene	21.546	228	699977	19.222	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.487	149	386512	20.389	ng/ul	96
87) Chrysene	21.610	228	660632	19.217	ng/ul	98
89) Di-n-octyl phthalate	22.668	149	672090	20.439	ng/ul	100
90) Benzo(b)fluoranthene	23.684	252	675319	19.232	ng/ul	99
91) Benzo(k)fluoranthene	23.755	252	662635	18.549	ng/ul	100
93) Benzo(a)pyrene	24.518	252	628335	18.911	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.160	276	819216	19.026	ng/ul	98
95) Dibenzo(a,h)anthracene	28.231	278	673395	19.148	ng/ul	96
96) Benzo(g,h,i)perylene	29.253	276	640869	19.601	ng/ul	98

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

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