Quantitation Report (Qedit)

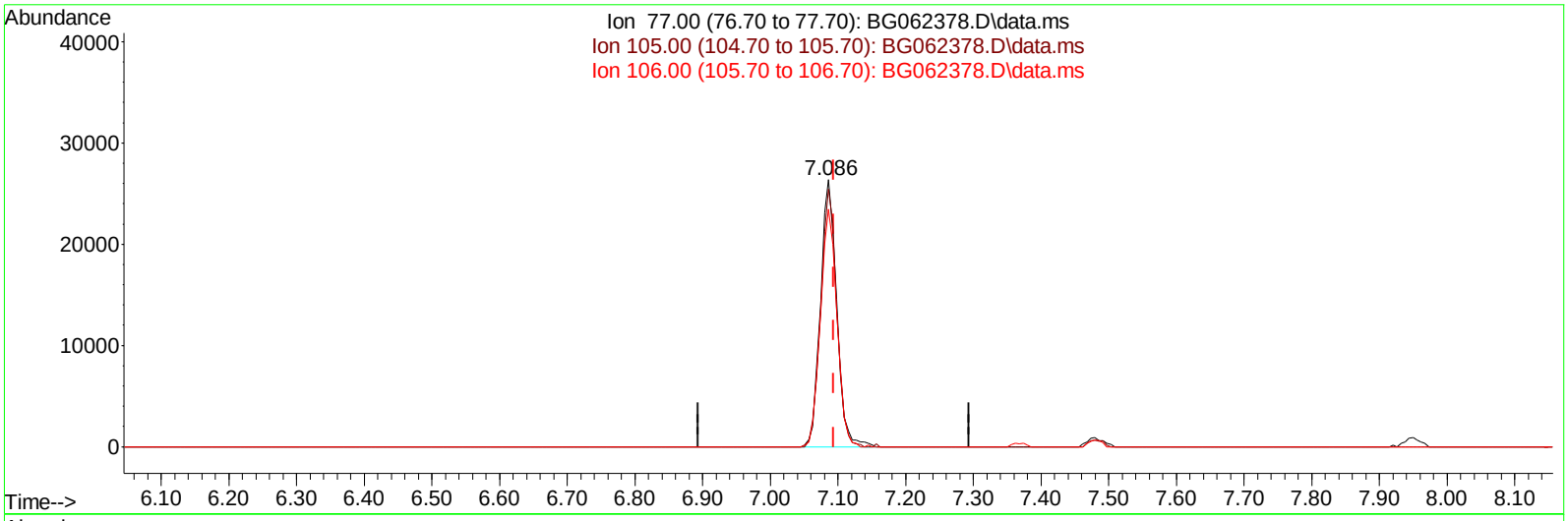
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081324\
Data File : BG062378.D
Acq On : 13 Aug 2024 10:05
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

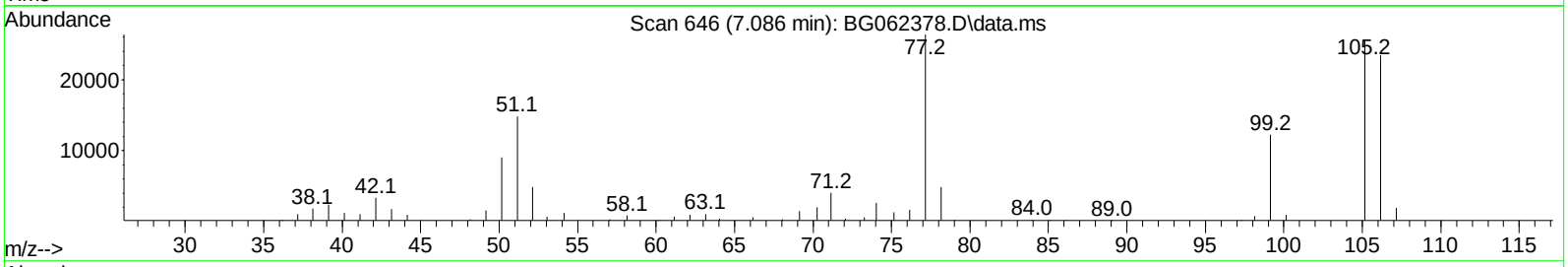
Quant Time: Aug 13 11:27:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

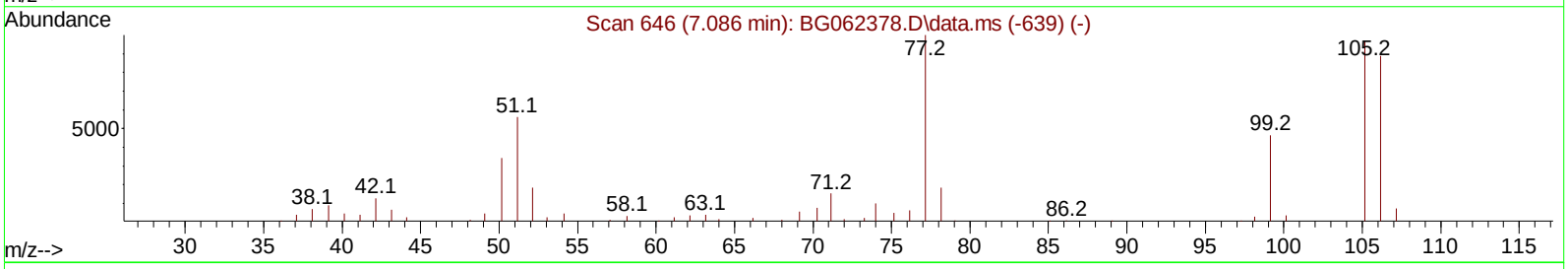
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024







TIC: BG062378.D\data.ms

(6) Benzaldehyde

7.086min (-0.008) 21.90 ng/ul

response 43930

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.48
106.00	91.40	89.04
0.00	0.00	0.00

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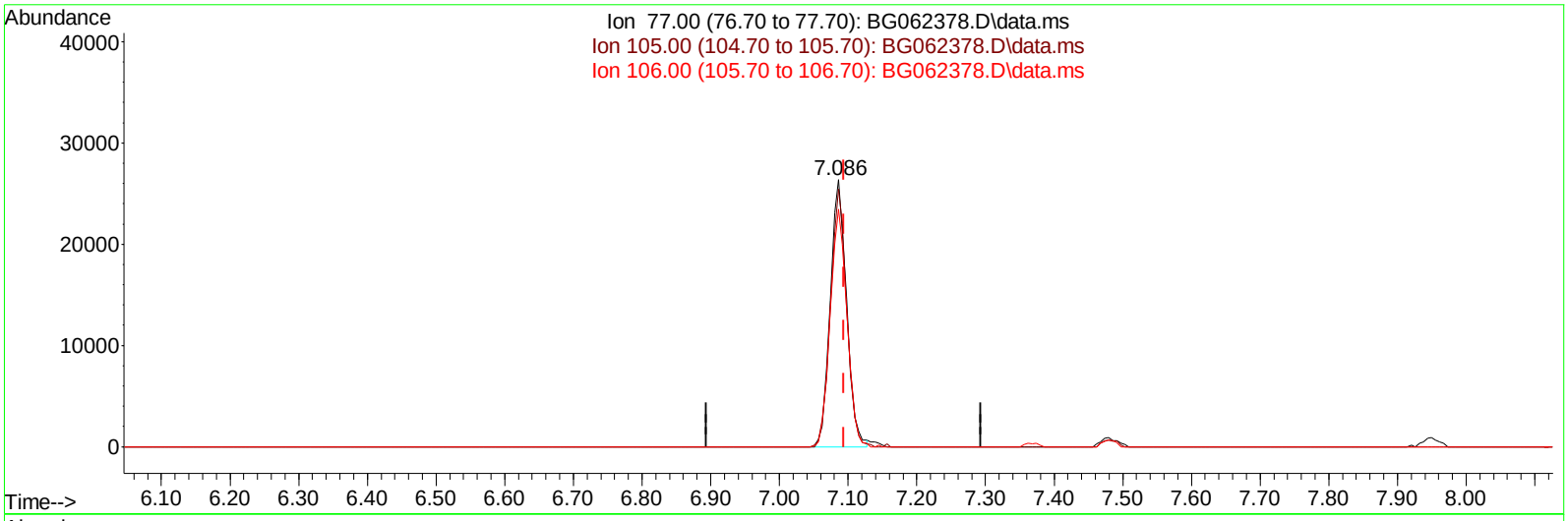

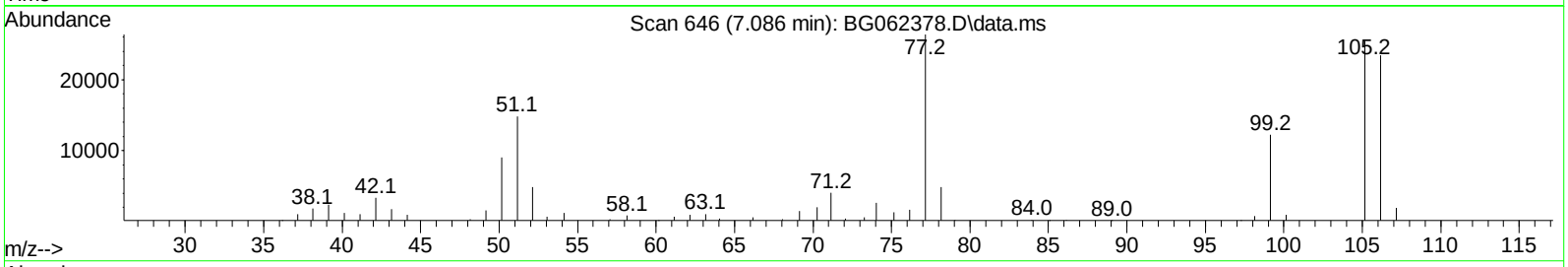

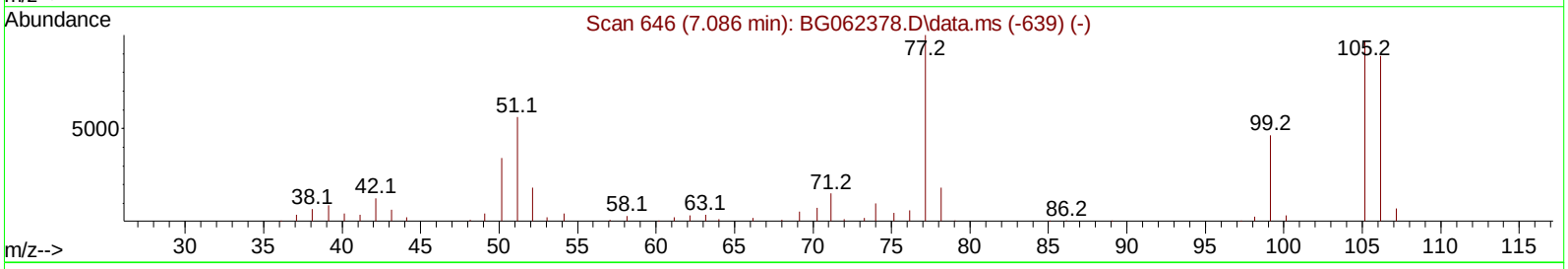

TIC: BG062378.D\data.ms

(6) Benzaldehyde

7.086min (-0.008) 21.65 ng/ul m

response 43421

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.48
106.00	91.40	89.04
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
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Quant Time: Aug 13 11:26:42 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
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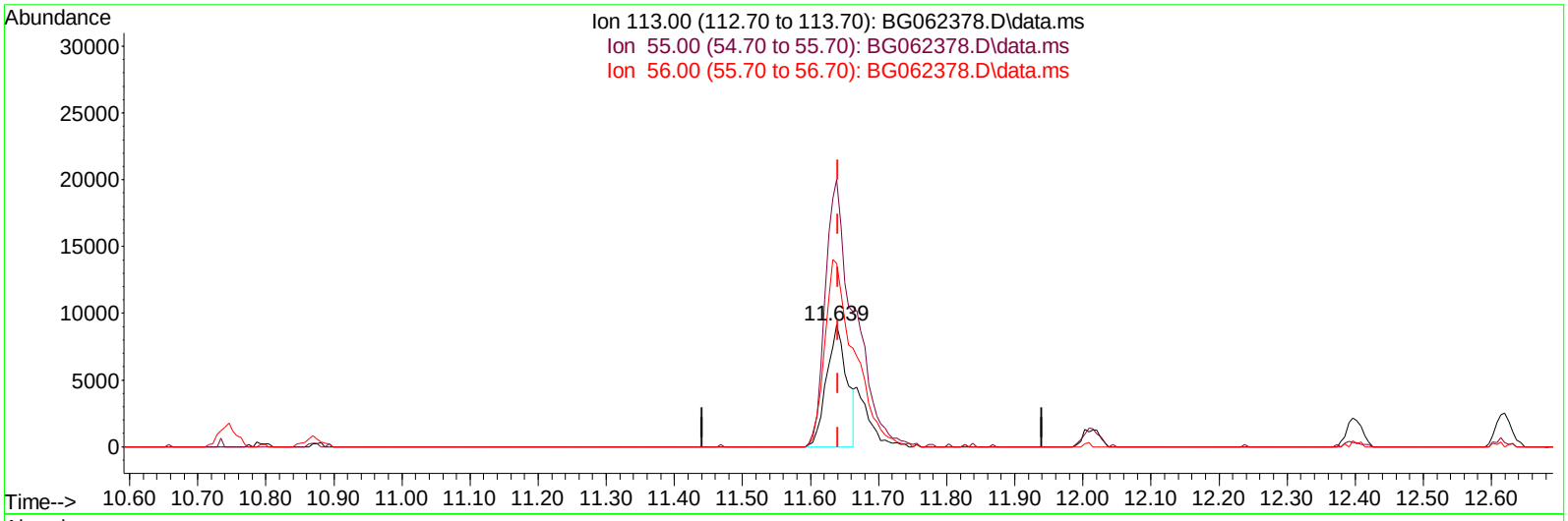

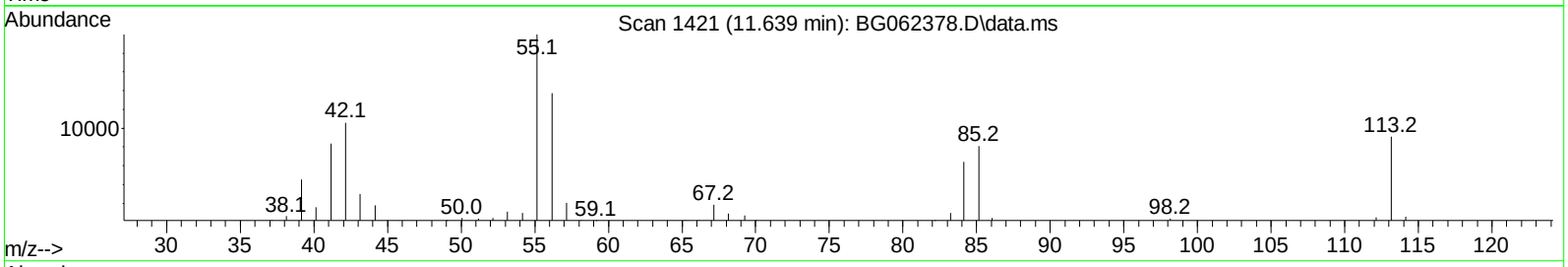

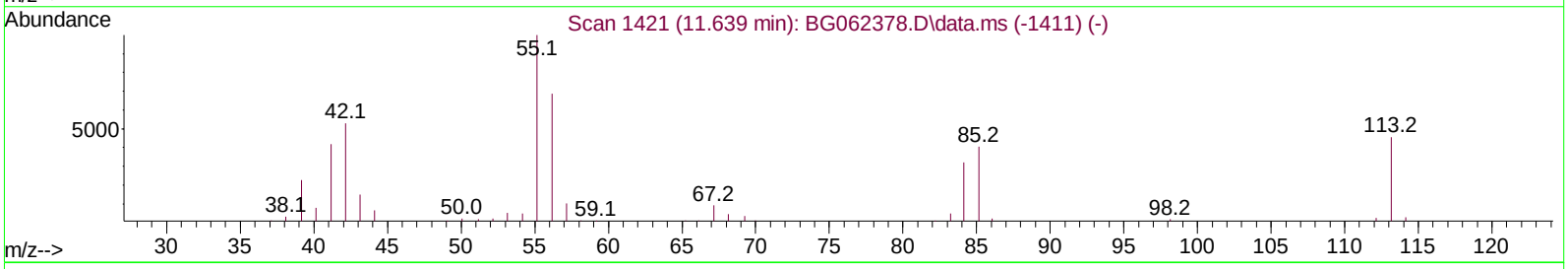

TIC: BG062378.D\data.ms

(34) Caprolactam

11.639min (-0.002) 15.90 ng/ul

response 18863

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	219.31
56.00	156.80	151.00
0.00	0.00	0.00

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LabSampleId :
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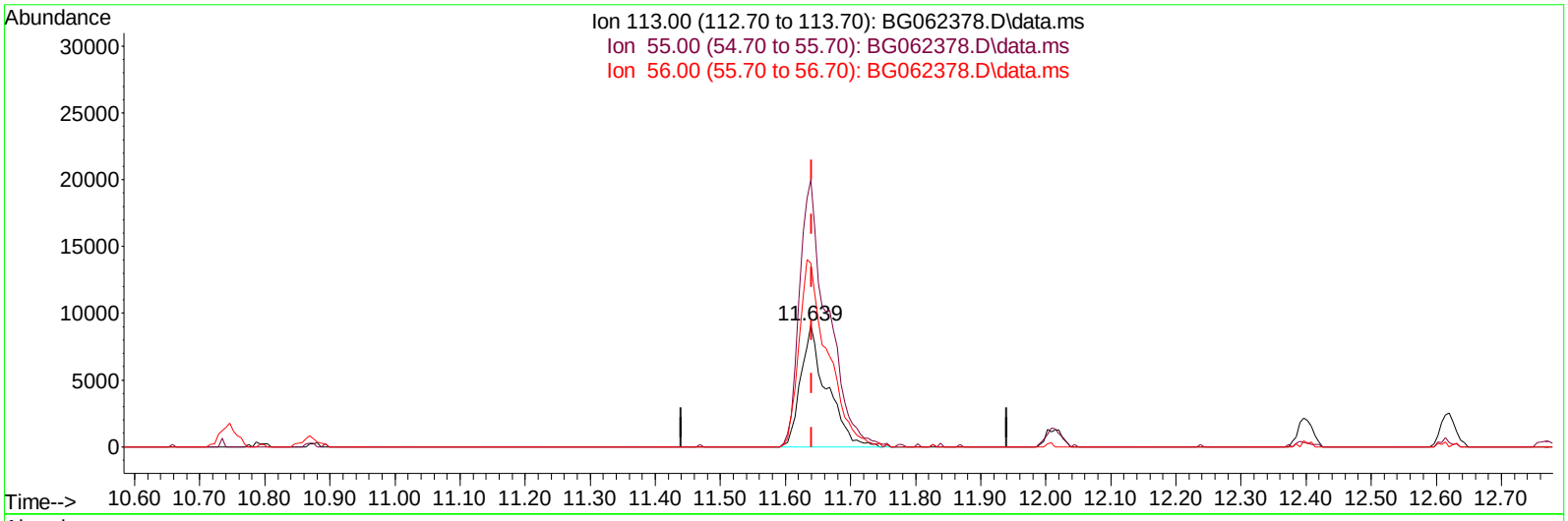

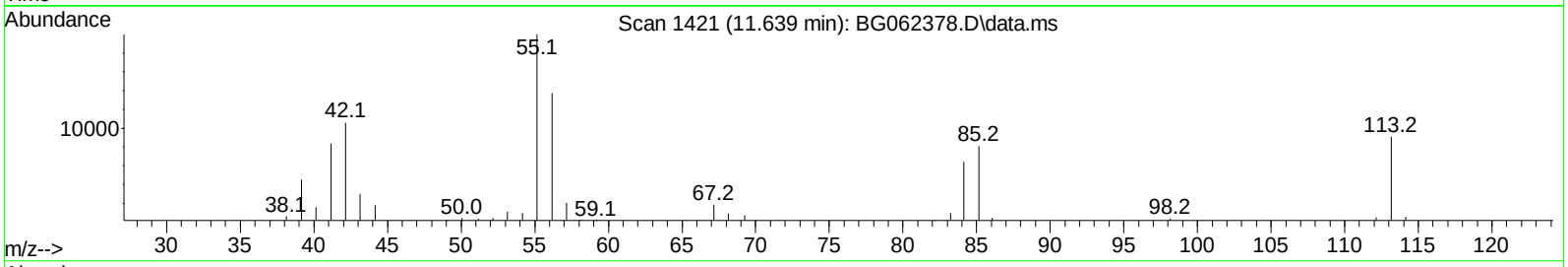

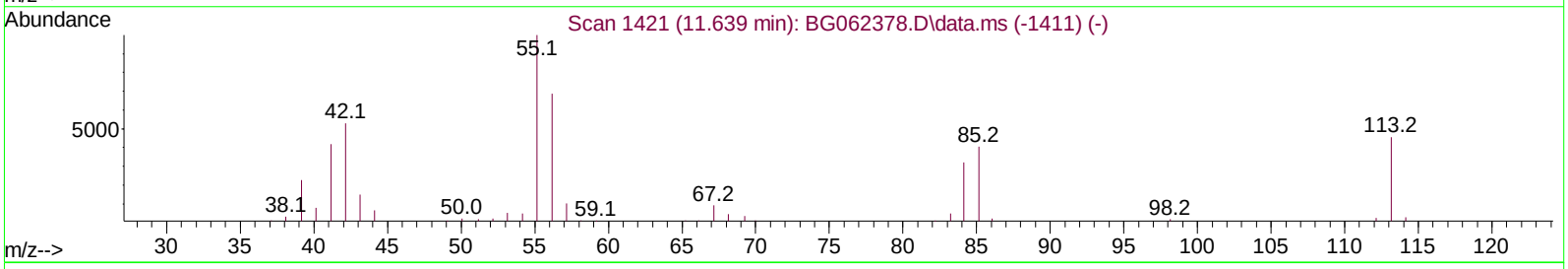

TIC: BG062378.D\data.ms

(34) Caprolactam

11.639min (-0.002) 21.37 ng/ul m

response 25355

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	219.31
56.00	156.80	151.00
0.00	0.00	0.00

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Quant Time: Aug 14 02:59:16 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	39762	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	198625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.570	164	168232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	393985	20.000	ng/ul	0.00
79) Chrysene-d12	21.555	240	383294	20.000	ng/ul	0.00
88) Perylene-d12	24.639	264	439378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.409	96	8329	9.032	ng/uL	-0.01
4) Pyridine-d5	3.814	84	65383	22.538	ng/ul	-0.01
7) Phenol-d5	7.104	99	69417	18.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.274	67	43597	18.661	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.480	132	50567	18.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.643	113	60063	19.000	ng/ul	0.00
21) Nitrobenzene-d5	9.101	128	24996	20.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.823	143	26044	22.605	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	64099	19.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	91802	18.915	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	229257	17.663	ng/ul	0.00
49) Acenaphthylene-d8	14.265	160	253536	17.228	ng/ul	0.00
54) 4-Nitrophenol-d4	14.752	143	37871	20.841	ng/ul	0.00
60) Fluorene-d10	15.563	176	213320	18.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	28503	24.428	ng/ul	0.00
73) Anthracene-d10	17.407	188	339001	17.840	ng/ul	0.00
81) Pyrene-d10	19.692	212	409407	17.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	421291	17.936	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.450	88	8931	8.579	ng/uL	98
5) Pyridine	3.837	79	69709	23.118	ng/ul	93
6) Benzaldehyde	7.086	77	43421m	21.649	ng/ul	
8) Phenol	7.127	94	72357	18.069	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.368	93	53819	18.134	ng/ul	96
12) 2-Chlorophenol	7.509	128	52936	18.324	ng/ul	93
13) 2-Methylphenol	8.384	108	56060	18.566	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.466	45	116729	19.251	ng/ul	98
16) Acetophenone	8.766	105	99569	19.779	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.748	70	52988	19.806	ng/ul	98
18) 4-Methylphenol	8.707	108	65046	19.237	ng/ul	96
19) Hexachloroethane	9.030	117	20973	19.535	ng/ul	94
22) Nitrobenzene	9.142	77	67716	19.442	ng/ul	99
23) Isophorone	9.665	82	151015	18.024	ng/ul	99
25) 2-Nitrophenol	9.853	139	29012	20.760	ng/ul#	85
26) 2,4-Dimethylphenol	9.912	107	66510	16.627	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.152	93	80687	17.076	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	66663	19.656	ng/ul	93
30) Naphthalene	10.793	128	209860	18.588	ng/ul	98
32) 4-Chloroaniline	10.893	127	88188	18.590	ng/ul	98
33) Hexachlorobutadiene	11.086	225	45549	17.745	ng/ul	97
34) Caprolactam	11.639	113	25355m	21.373	ng/ul	
35) 4-Chloro-3-methylphenol	12.015	107	77321	20.317	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.402	142	150117	19.300	ng/ul	100
37) 1-Methylnaphthalene	12.614	142	156148	19.376	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.767	216	96055	17.488	ng/ul	98
40) Hexachlorocyclopentadiene	12.755	237	45560	21.344	ng/ul	98
41) 2,4,6-Trichlorophenol	13.002	196	60087	18.862	ng/ul	99
42) 2,4,5-Trichlorophenol	13.072	196	67139	19.561	ng/ul	99
43) 1,1'-Biphenyl	13.407	154	222866	17.485	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	175585	17.728	ng/ul	98
45) 2-Nitroaniline	13.642	65	51430	20.389	ng/ul	97
47) Dimethylphthalate	14.024	163	234694	18.024	ng/ul	100
48) 2,6-Dinitrotoluene	14.135	165	38692	21.763	ng/ul	96
50) Acenaphthylene	14.294	152	273156	17.420	ng/ul	99
51) 3-Nitroaniline	14.464	138	41820	20.663	ng/ul#	99
52) Acenaphthene	14.635	153	204837	17.545	ng/ul	99
53) 2,4-Dinitrophenol	14.664	184	17765	25.130	ng/ul	87
55) 4-Nitrophenol	14.764	109	33695	20.730	ng/ul	98
56) Dibenzofuran	14.969	168	296311	18.373	ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	59972	24.591	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.193	232	64228	20.781	ng/ul	98
59) Diethylphthalate	15.392	149	237473	18.061	ng/ul	100
61) Fluorene	15.616	166	235518	18.676	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	120853	18.588	ng/ul	94
63) 4-Nitroaniline	15.622	138	44558	22.844	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.686	198	33846	25.175	ng/ul	97
67) N-Nitrosodiphenylamine	15.821	169	210114	17.797	ng/ul	100
68) 4-Bromophenyl-phenylether	16.509	248	83304	18.558	ng/ul	95
69) Hexachlorobenzene	16.620	284	94939	18.181	ng/ul	98
70) Atrazine	16.773	200	85565	18.918	ng/ul	97
71) Pentachlorophenol	16.961	266	54743	19.909	ng/ul	95
72) Phenanthrene	17.354	178	394972	17.812	ng/ul	99
74) Anthracene	17.443	178	402865	17.701	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	98745	16.734	ng/ul	99
76) Pentachlorobenzene	14.887	250	107762	17.457	ng/ul	96
77) Carbazole	17.707	167	339348	18.181	ng/ul	100
78) Di-n-butylphthalate	18.283	149	407057	18.328	ng/ul	99
80) Fluoranthene	19.358	202	468222	18.176	ng/ul	97
82) Pyrene	19.722	202	502461	18.316	ng/ul	99
83) Butylbenzylphthalate	20.615	149	169139	17.865	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.449	252	165514	19.184	ng/ul	99
85) Benzo(a)anthracene	21.531	228	501414	17.863	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.467	149	256486	17.553	ng/ul	97
87) Chrysene	21.596	228	476010	17.963	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	444962	17.778	ng/ul	100
90) Benzo(b)fluoranthene	23.658	252	474393	17.749	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252	473437	17.411	ng/ul	99
93) Benzo(a)pyrene	24.492	252	443431	17.534	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.116	276	585595	17.869	ng/ul	99
95) Dibenzo(a,h)anthracene	28.181	278	475001	17.746	ng/ul	98
96) Benzo(g,h,i)perylene	29.197	276	448603	18.026	ng/ul	97

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

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