Quantitation Report (Qedit)

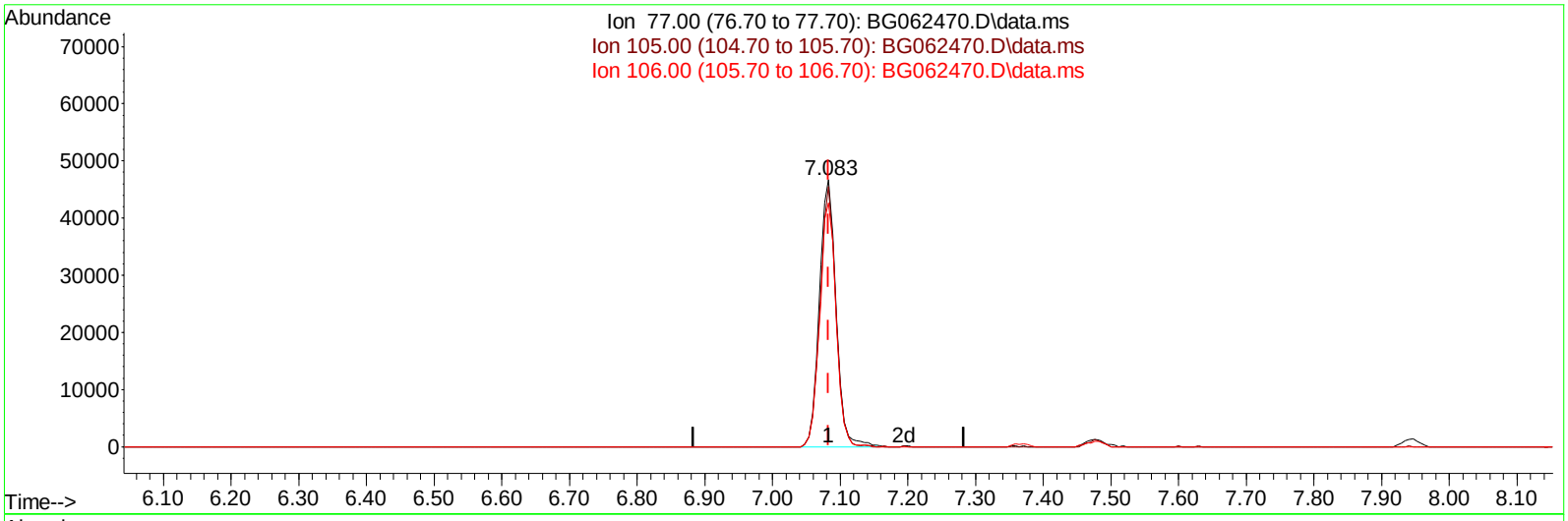
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082024\
Data File : BG062470.D
Acq On : 20 Aug 2024 9:47
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

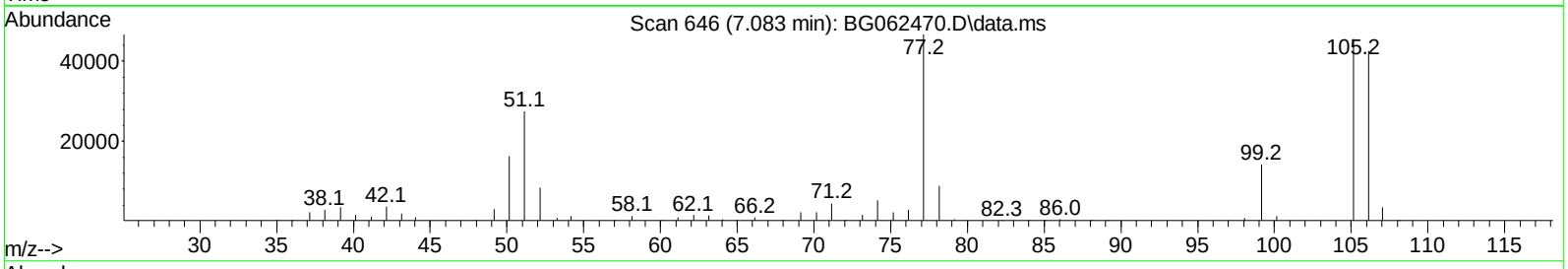
Quant Time: Aug 20 11:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 11:04:05 2024
Response via : Initial Calibration

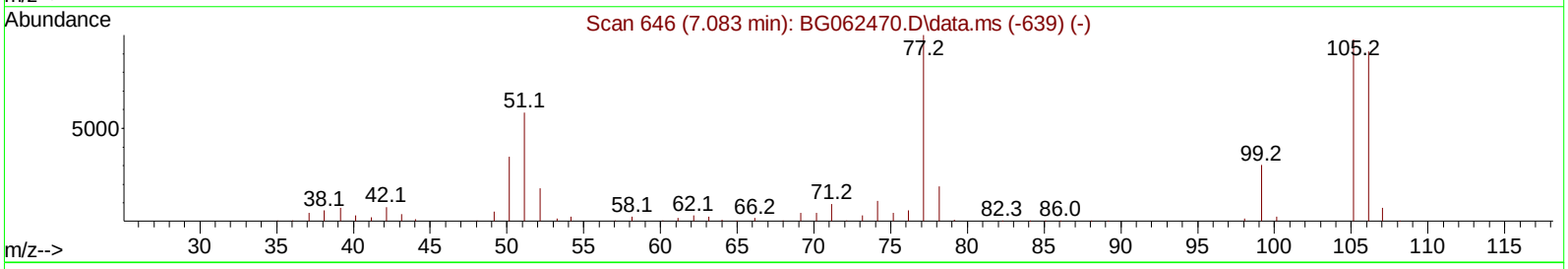
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062470.D\data.ms

(6) Benzaldehyde

7.083min (0.000) 24.07 ng/ul

response 79761

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	97.50
106.00	89.30	91.26
0.00	0.00	0.00

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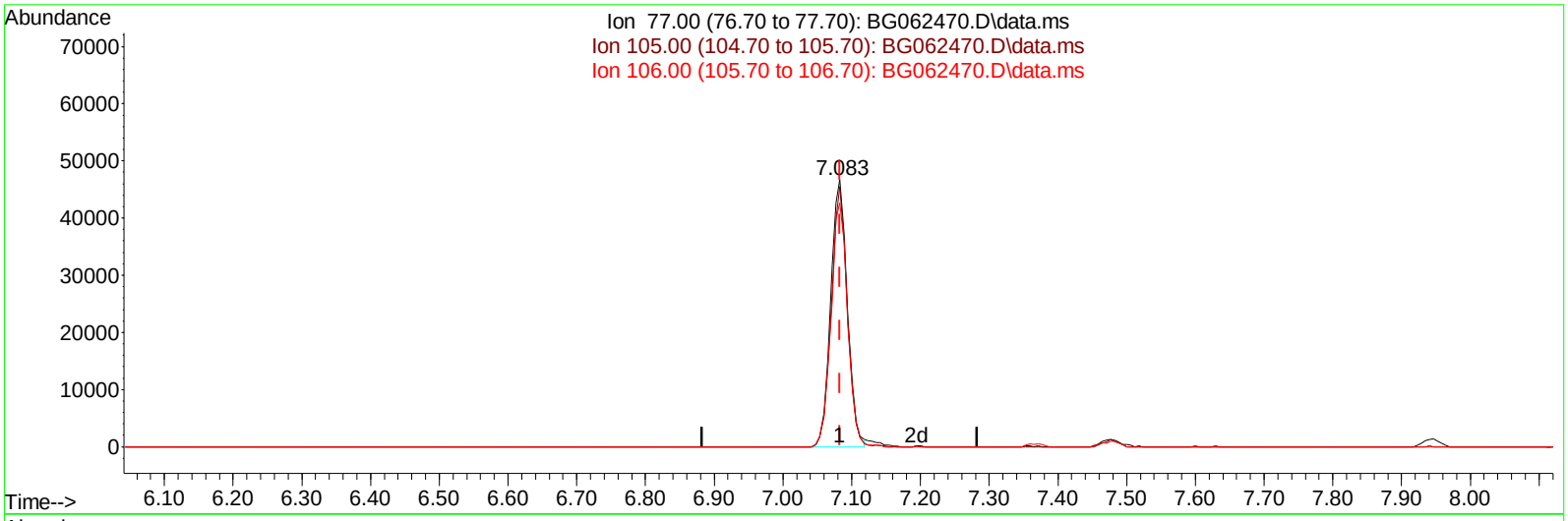

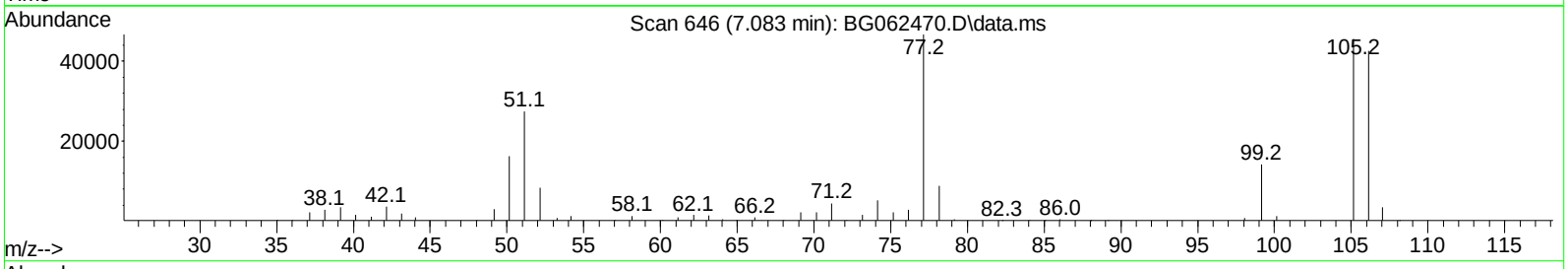

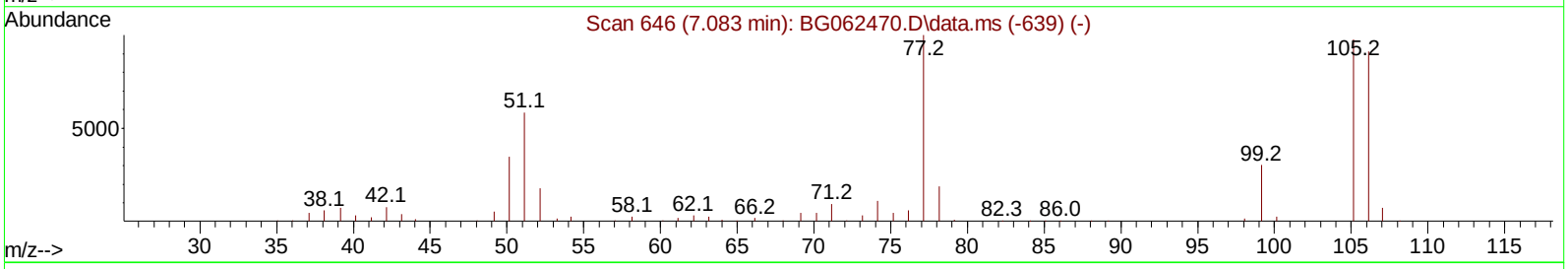

TIC: BG062470.D\data.ms

(6) Benzaldehyde

7.083min (0.000) 23.64 ng/ul m

response 78341

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	97.50
106.00	89.30	91.26
0.00	0.00	0.00

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 11:04:05 2024
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Instrument :
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LabSampleId :
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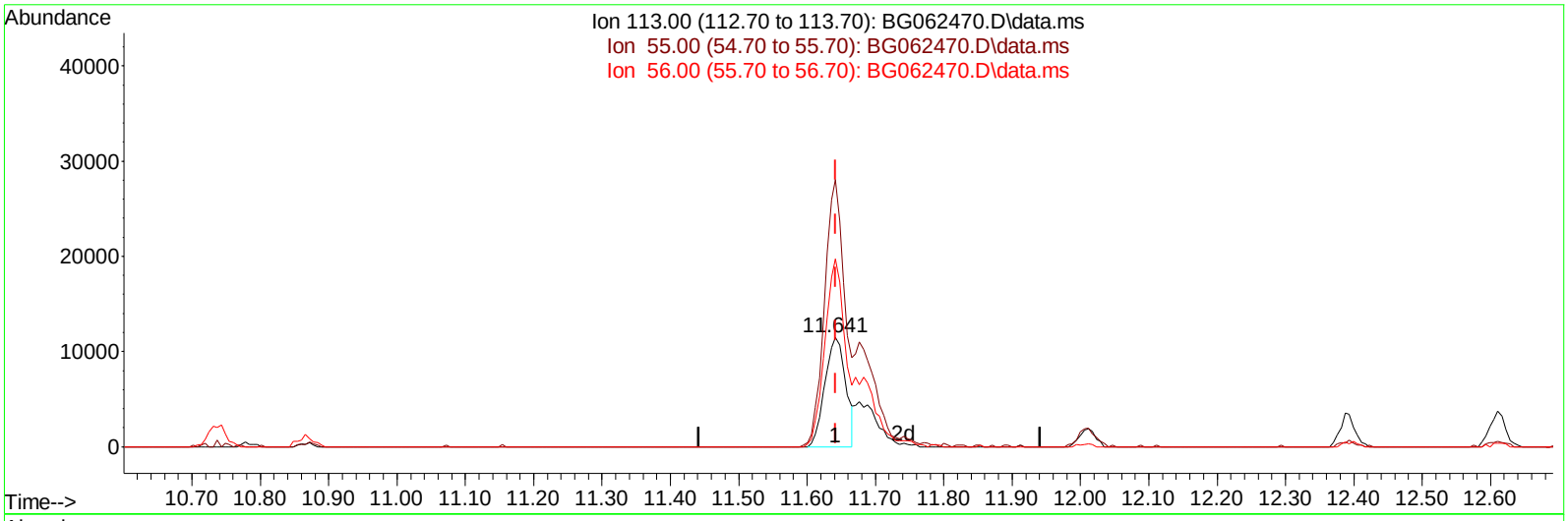

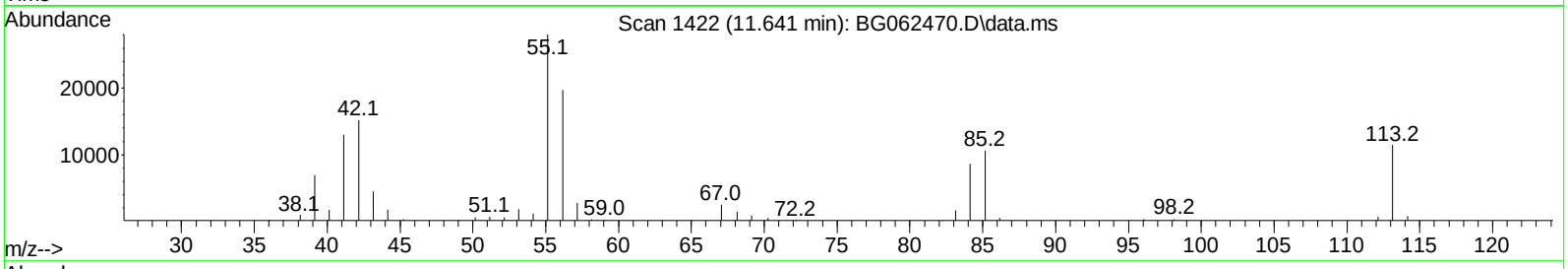

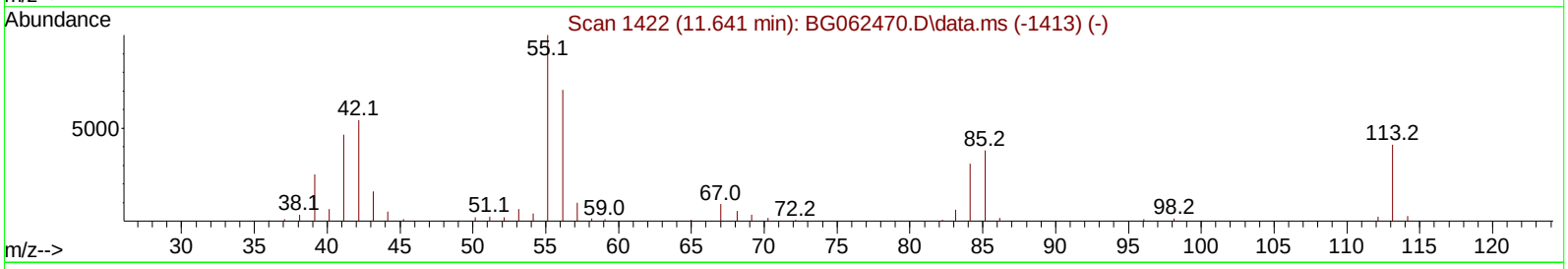

TIC: BG062470.D\data.ms

(34) Caprolactam

11.641min (0.000) 13.14 ng/ul

response 24323

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	244.31
56.00	178.20	172.08
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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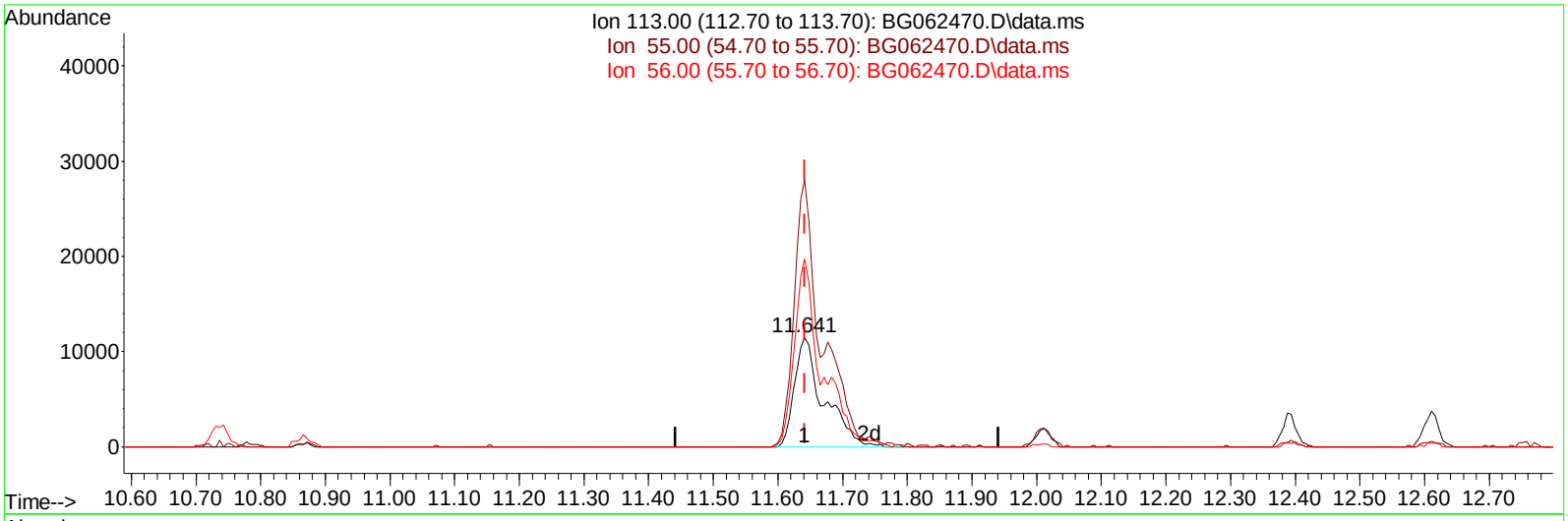

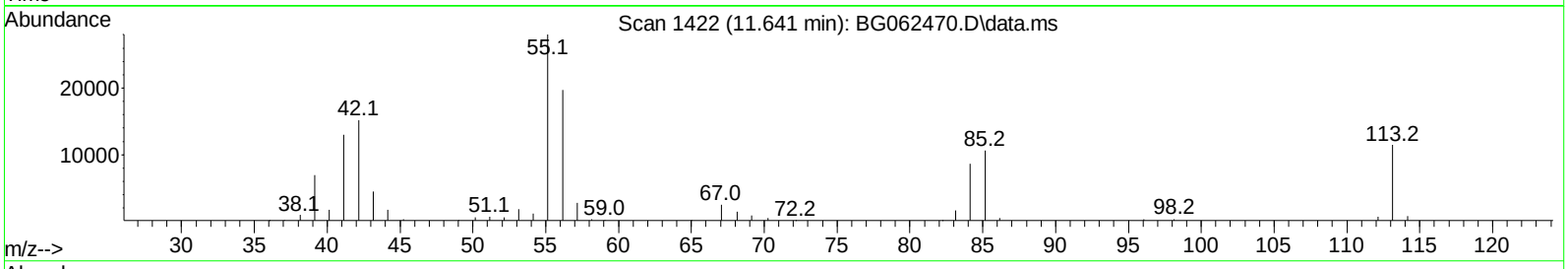

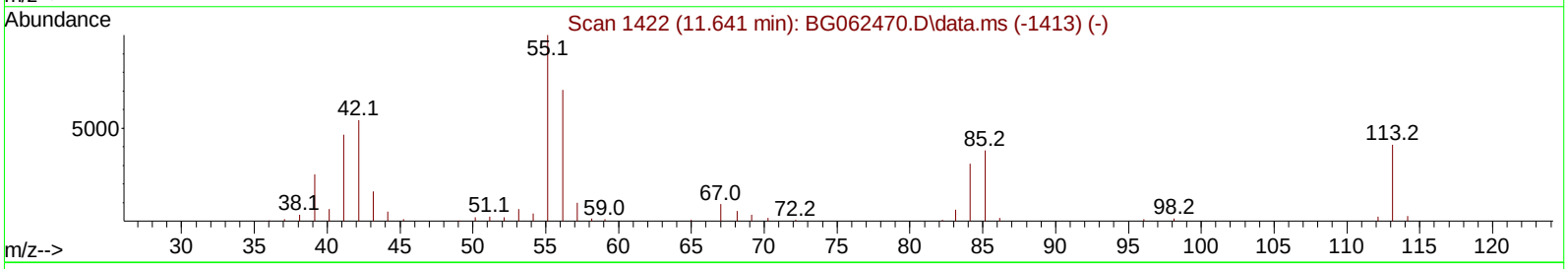

TIC: BG062470.D\data.ms

(34) Caprolactam

11.641min (0.000) 19.13 ng/ul m

response 35427

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	244.31
56.00	178.20	172.08
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	64253	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	275128	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.567	164	217993	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	504753	20.000	ng/ul	0.00
79) Chrysene-d12	21.546	240	494848	20.000	ng/ul	0.00
88) Perylene-d12	24.630	264	574282	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	10627	6.279	ng/uL	0.00
4) Pyridine-d5	3.811	84	85423	16.565	ng/ul	0.00
7) Phenol-d5	7.101	99	130149	20.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	77668	19.290	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	91602	20.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	96208	17.956	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	40719	23.078	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	47024	26.792	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	97783	21.873	ng/ul	0.00
31) 4-Chloroaniline-d4	10.866	131	135758	19.149	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	317163	18.704	ng/ul	0.00
49) Acenaphthylene-d8	14.256	160	361324	19.245	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	56640	20.939	ng/ul	0.00
60) Fluorene-d10	15.554	176	294736	19.272	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	49850	21.736	ng/ul	0.00
73) Anthracene-d10	17.404	188	460845	19.006	ng/ul	0.00
81) Pyrene-d10	19.689	212	569289	19.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.418	264	589972	19.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	10929	6.050	ng/uL	98
5) Pyridine	3.834	79	88566	16.322	ng/ul	95
6) Benzaldehyde	7.083	77	78341m	23.642	ng/ul	
8) Phenol	7.130	94	134950	20.120	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.365	93	95443	19.231	ng/ul	100
12) 2-Chlorophenol	7.506	128	94855	21.002	ng/ul	97
13) 2-Methylphenol	8.381	108	91557	18.140	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.463	45	181295	17.698	ng/ul	98
16) Acetophenone	8.757	105	150460	17.143	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.745	70	81047	17.499	ng/ul	98
18) 4-Methylphenol	8.704	108	102856	17.792	ng/ul	99
19) Hexachloroethane	9.027	117	33774	18.794	ng/ul	99
22) Nitrobenzene	9.139	77	107165	21.503	ng/ul	95
23) Isophorone	9.662	82	215495	18.309	ng/ul	100
25) 2-Nitrophenol	9.850	139	50526	25.767	ng/ul	99
26) 2,4-Dimethylphenol	9.909	107	112673	21.071	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.144	93	126818	19.371	ng/ul	100
29) 2,4-Dichlorophenol	10.384	162	98919	21.547	ng/ul	96
30) Naphthalene	10.790	128	314538	19.712	ng/ul	99
32) 4-Chloroaniline	10.890	127	130979	19.004	ng/ul	100
33) Hexachlorobutadiene	11.078	225	67900	19.457	ng/ul	99
34) Caprolactam	11.641	113	35427m	19.133	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	114406	21.298	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	220253	19.546	ng/ul	97
37) 1-Methylnaphthalene	12.611	142	227740	19.808	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.758	216	139048	19.101	ng/ul	96
40) Hexachlorocyclopentadiene	12.746	237	58578	15.699	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	91899	21.946	ng/ul	94
42) 2,4,5-Trichlorophenol	13.069	196	96752	22.007	ng/ul	99
43) 1,1'-Biphenyl	13.398	154	314244	19.028	ng/ul	97
44) 2-Chloronaphthalene	13.439	162	243768	19.075	ng/ul	98
45) 2-Nitroaniline	13.639	65	79132	23.907	ng/ul	97
47) Dimethylphthalate	14.021	163	320242	18.628	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	58352	23.766	ng/ul	98
50) Acenaphthylene	14.285	152	385454	19.175	ng/ul	97
51) 3-Nitroaniline	14.461	138	62159	22.220	ng/ul	97
52) Acenaphthene	14.626	153	288132	19.153	ng/ul	98
53) 2,4-Dinitrophenol	14.667	184	32867	21.222	ng/ul	96
55) 4-Nitrophenol	14.767	109	48269	20.789	ng/ul	96
56) Dibenzofuran	14.961	168	407230	19.243	ng/ul	98
57) 2,4-Dinitrotoluene	14.919	165	87032	23.286	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.184	232	94522	22.361	ng/ul	97
59) Diethylphthalate	15.383	149	321910	18.763	ng/ul	99
61) Fluorene	15.613	166	319683	19.166	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.607	204	161515	18.843	ng/ul	98
63) 4-Nitroaniline	15.618	138	63580	21.744	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.683	198	55816	21.600	ng/ul	97
67) N-Nitrosodiphenylamine	15.818	169	285298	19.498	ng/ul	98
68) 4-Bromophenyl-phenylether	16.500	248	112091	19.788	ng/ul	97
69) Hexachlorobenzene	16.611	284	128844	19.523	ng/ul	97
70) Atrazine	16.764	200	119929	19.657	ng/ul	99
71) Pentachlorophenol	16.952	266	84642	21.977	ng/ul	96
72) Phenanthrene	17.351	178	541525	19.093	ng/ul	99
74) Anthracene	17.439	178	555188	19.109	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	144174	19.981	ng/ul	100
76) Pentachlorobenzene	14.884	250	147589	19.499	ng/ul	97
77) Carbazole	17.704	167	465790	19.086	ng/ul	99
78) Di-n-butylphthalate	18.274	149	565561	19.371	ng/ul	99
80) Fluoranthene	19.355	202	648621	20.034	ng/ul	100
82) Pyrene	19.719	202	684810	19.624	ng/ul	99
83) Butylbenzylphthalate	20.612	149	248300	21.124	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.446	252	234677	21.728	ng/ul	97
85) Benzo(a)anthracene	21.528	228	699926	19.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.452	149	367040	21.372	ng/ul	99
87) Chrysene	21.593	228	662970	19.470	ng/ul	98
89) Di-n-octyl phthalate	22.621	149	627875	20.500	ng/ul	100
90) Benzo(b)fluoranthene	23.655	252	656039	18.910	ng/ul	99
91) Benzo(k)fluoranthene	23.719	252	667628	19.066	ng/ul	99
93) Benzo(a)pyrene	24.483	252	627831	19.196	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.107	276	812670	19.550	ng/ul	99
95) Dibenzo(a,h)anthracene	28.166	278	663842	19.702	ng/ul	98
96) Benzo(g,h,i)perylene	29.188	276	625376	19.562	ng/ul	97

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

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