Quantitation Report (Qedit)

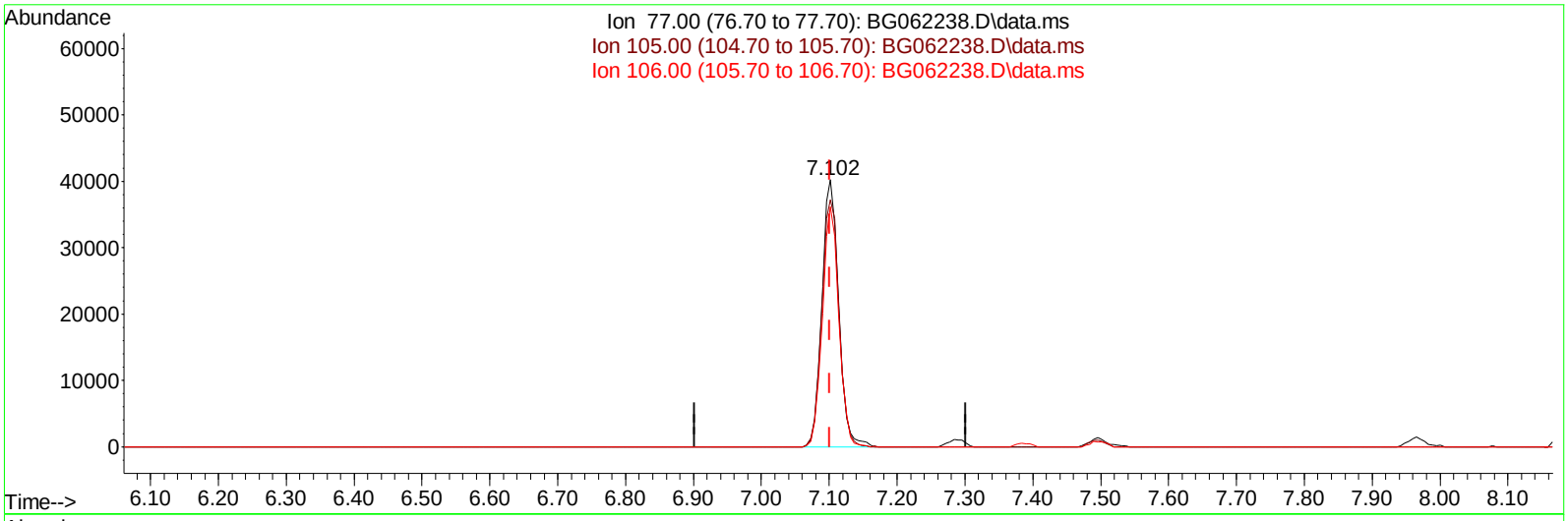
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062238.D
Acq On : 5 Aug 2024 14:55
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

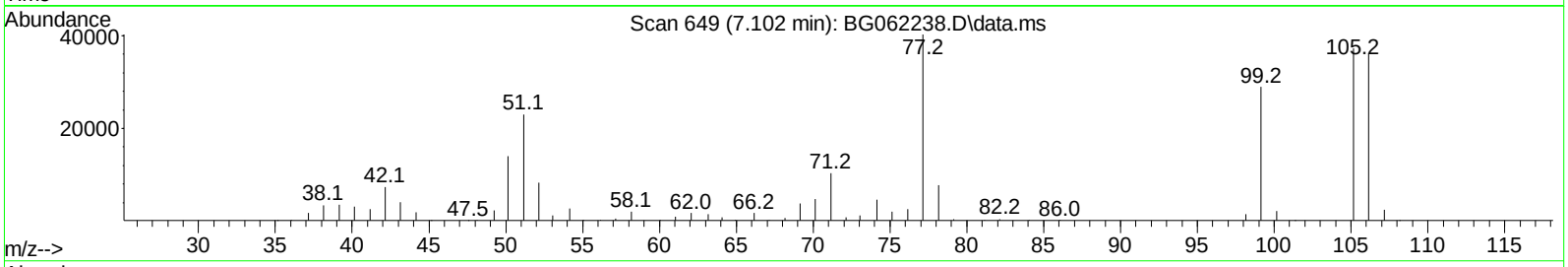
Quant Time: Aug 06 02:22:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

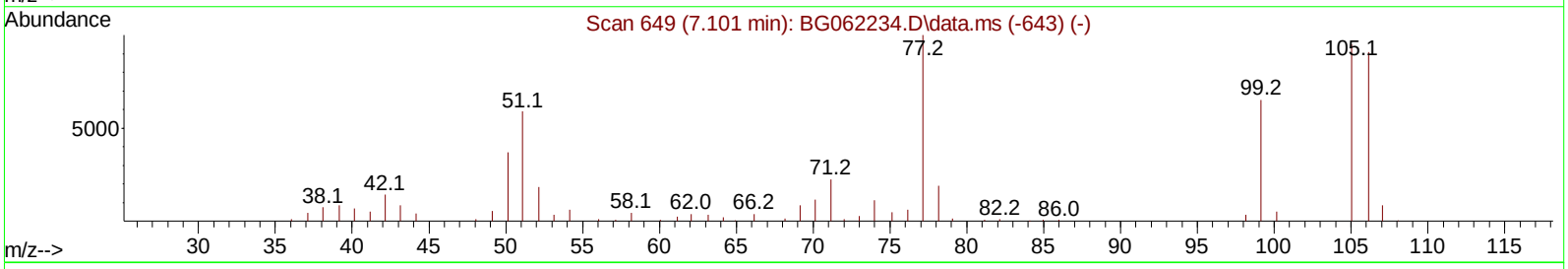
Instrument :
BNA_G
ClientSampleId :
SICV431

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024







TIC: BG062238.D\data.ms

(6) Benzaldehyde

7.102min (+ 0.000) 21.84 ng/ul

response 68826

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.60
106.00	91.40	89.85
0.00	0.00	0.00

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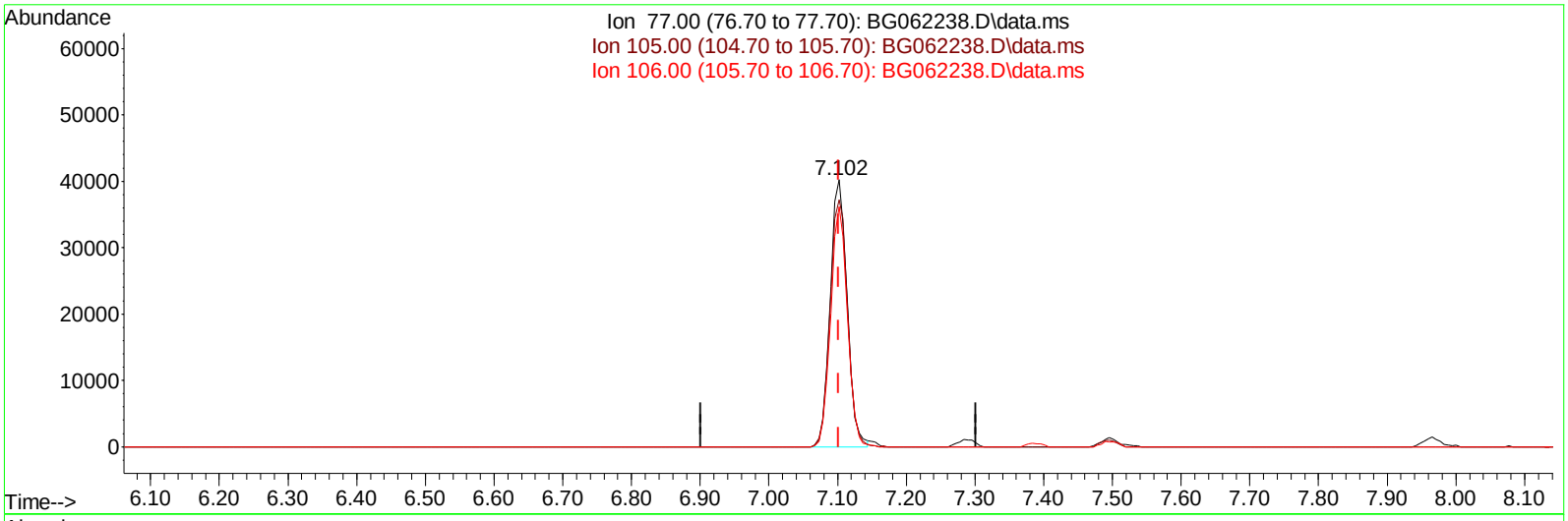

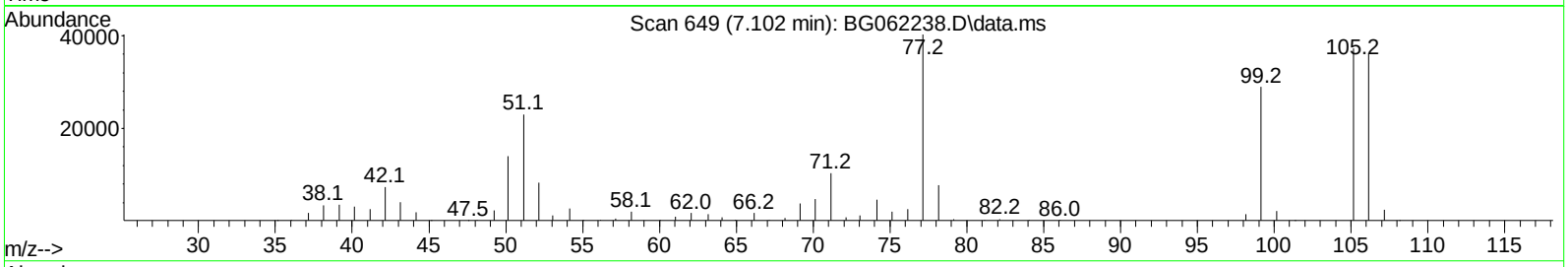

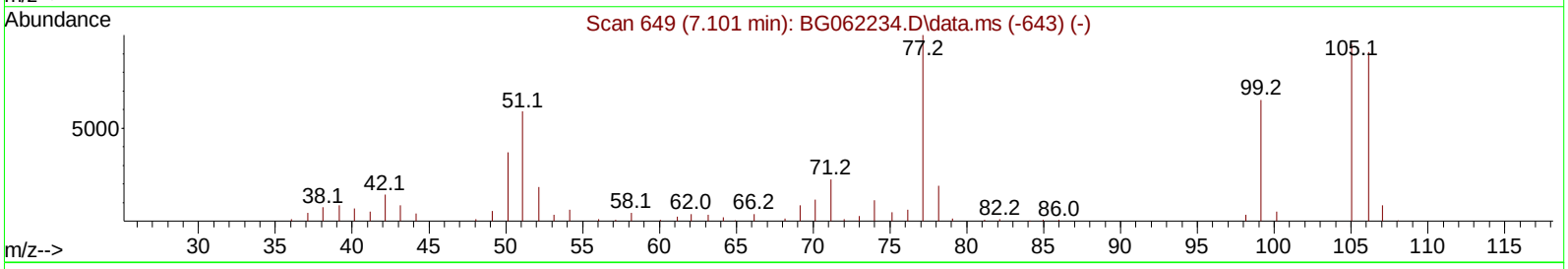

TIC: BG062238.D\data.ms

(6) Benzaldehyde

7.102min (+ 0.000) 21.64 ng/ul m

response 68202

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.60
106.00	91.40	89.85
0.00	0.00	0.00

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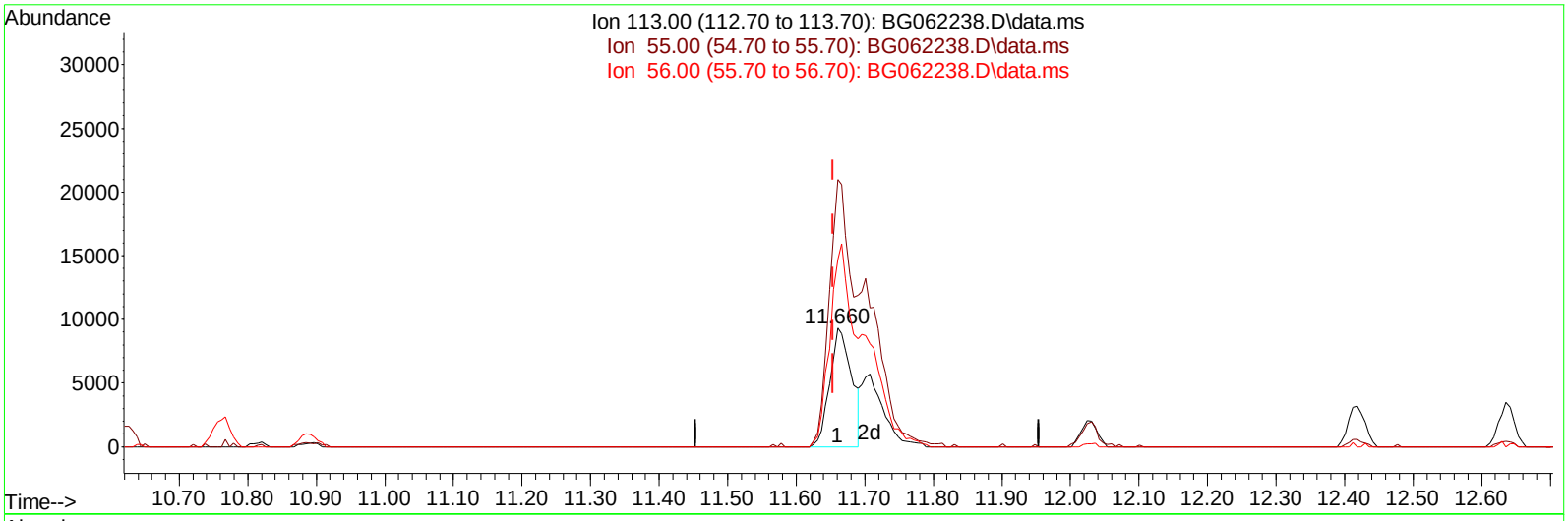

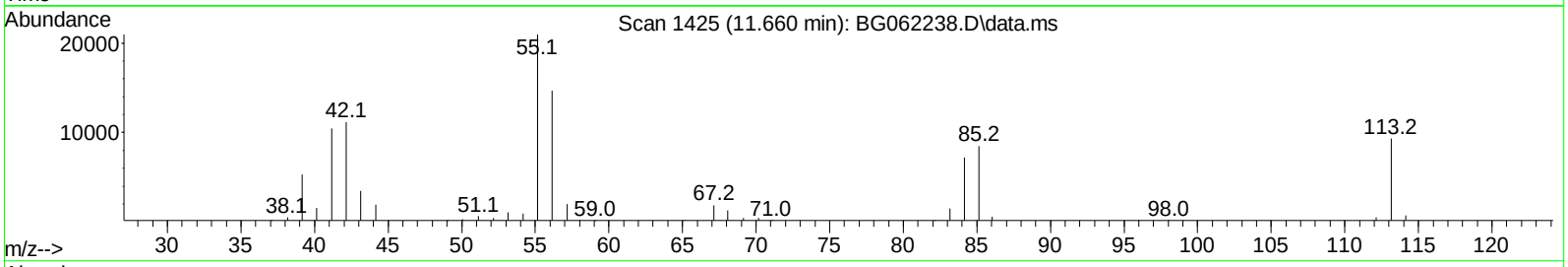

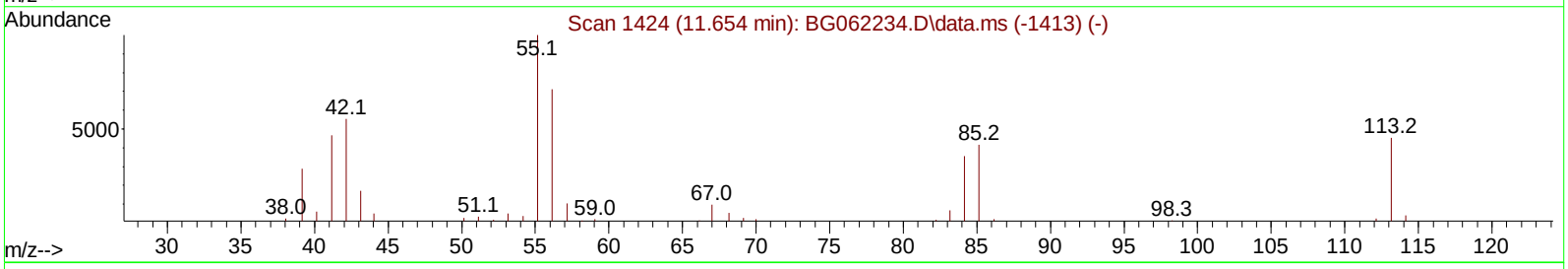

TIC: BG062238.D\data.ms

(34) Caprolactam

11.660min (+ 0.006) 12.09 ng/ul

response 20543

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	225.52
56.00	156.80	157.98
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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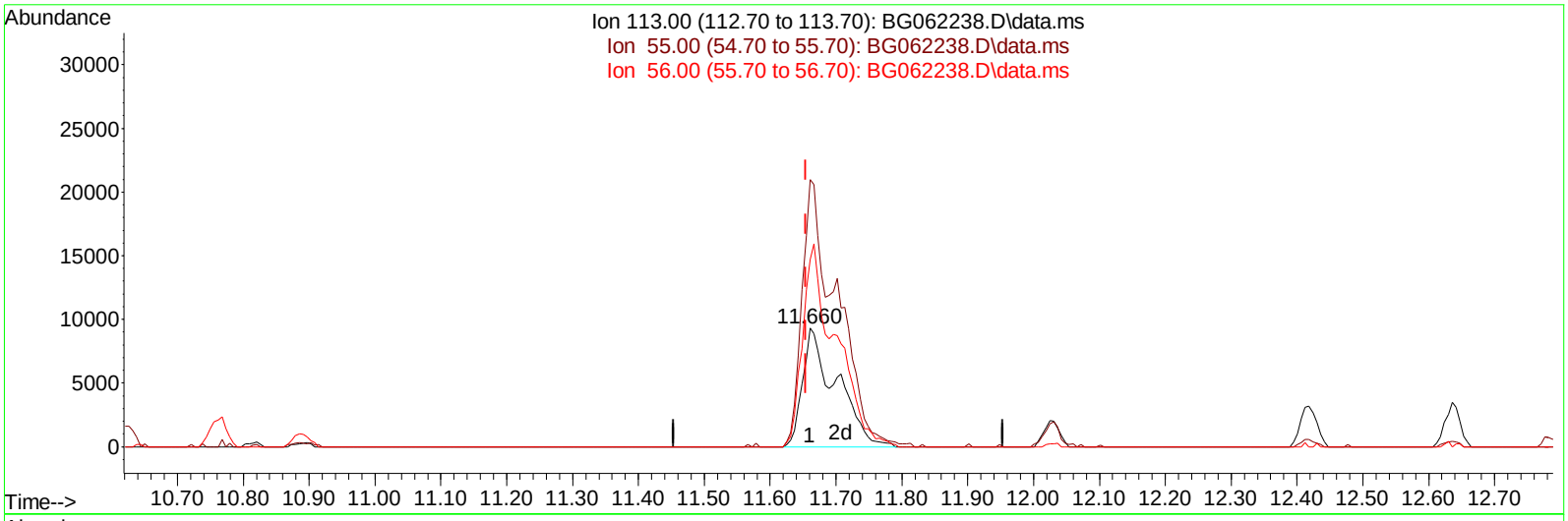

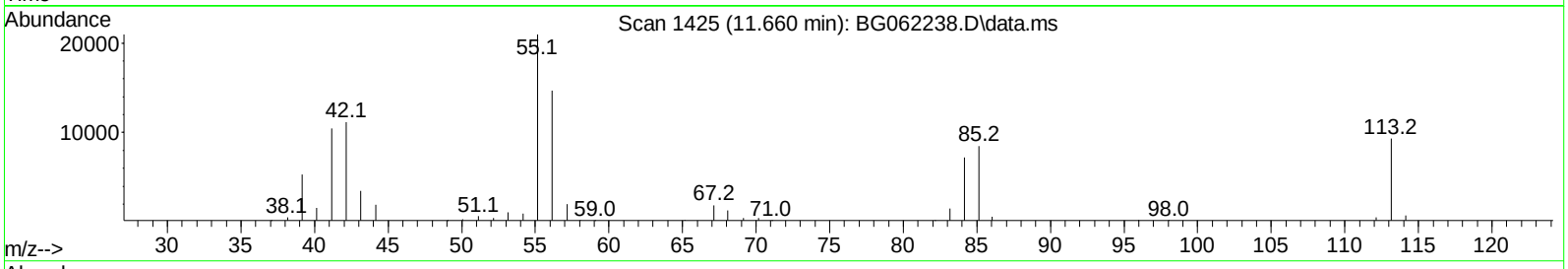

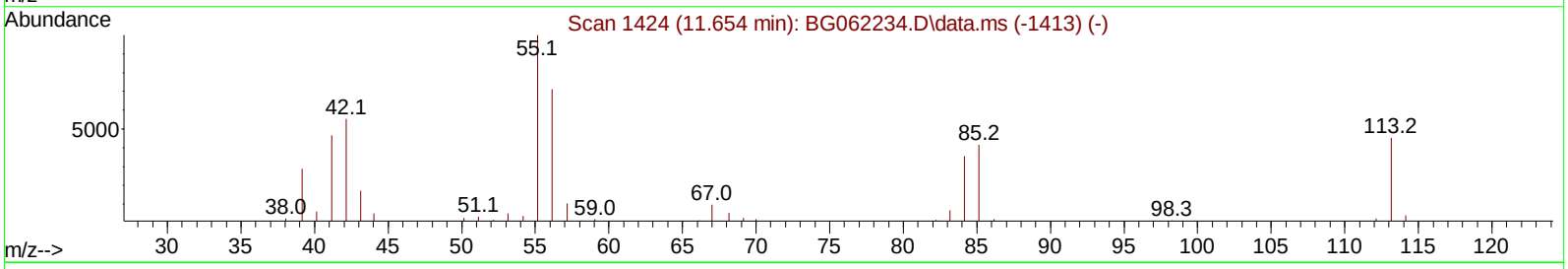

TIC: BG062238.D\data.ms

(34) Caprolactam

11.660min (+ 0.006) 19.62 ng/ul m

response 33357

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	225.52
56.00	156.80	157.98
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	62481	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	284595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	198633	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.329	188	467628	20.000	ng/ul	0.00
79) Chrysene-d12	21.576	240	449527	20.000	ng/ul	0.00
88) Perylene-d12	24.678	264	513697	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	9927	6.851	ng/uL	0.00
4) Pyridine-d5	3.824	84	80697	17.702	ng/ul	0.00
7) Phenol-d5	7.120	99	112951	18.940	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	76055	20.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.495	132	83871	19.629	ng/ul	0.00
15) 4-Methylphenol-d8	8.659	113	95016	19.128	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	38526	21.954	ng/ul	0.00
24) 2-Nitrophenol-d4	9.839	143	36243	21.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	95325	19.881	ng/ul	0.00
31) 4-Chloroaniline-d4	10.885	131	133352	19.176	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	300395	19.601	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	345641	19.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	46848	21.835	ng/ul	0.00
60) Fluorene-d10	15.579	176	286958	20.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.690	200	26778	19.336	ng/ul	0.00
73) Anthracene-d10	17.429	188	440269	19.520	ng/ul	0.00
81) Pyrene-d10	19.708	212	531526	19.893	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.467	264	544390	19.824	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	11367	6.948	ng/uL#	84
5) Pyridine	3.847	79	76763	16.200	ng/ul	97
6) Benzaldehyde	7.102	77	68202m	21.640	ng/ul	
8) Phenol	7.143	94	116182	18.463	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.390	93	86075	18.457	ng/ul	95
12) 2-Chlorophenol	7.525	128	84116	18.530	ng/ul	92
13) 2-Methylphenol	8.394	108	89288	18.818	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.488	45	180511	18.945	ng/ul	98
16) Acetophenone	8.782	105	153032	19.345	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.770	70	79524	18.916	ng/ul	94
18) 4-Methylphenol	8.723	108	98787	18.592	ng/ul	99
19) Hexachloroethane	9.052	117	32223	19.100	ng/ul	99
22) Nitrobenzene	9.158	77	103612	20.762	ng/ul	99
23) Isophorone	9.687	82	224563	18.705	ng/ul	98
25) 2-Nitrophenol	9.869	139	42300	21.125	ng/ul	98
26) 2,4-Dimethylphenol	9.927	107	95583	16.677	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.174	93	127688	18.860	ng/ul	98
29) 2,4-Dichlorophenol	10.403	162	91814	18.894	ng/ul	99
30) Naphthalene	10.815	128	312323	19.307	ng/ul	100
32) 4-Chloroaniline	10.914	127	131334	19.322	ng/ul	98
33) Hexachlorobutadiene	11.108	225	68771	18.698	ng/ul	96
34) Caprolactam	11.660	113	33357m	19.624	ng/ul	
35) 4-Chloro-3-methylphenol	12.031	107	108824	19.956	ng/ul	98

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SICV431

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.418	142	215870	19.369	ng/ul	99
37) 1-Methylnaphthalene	12.636	142	205958	17.837	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.782	216	131907	20.340	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	46989	18.644	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.017	196	79344	21.095	ng/ul	97
42) 2,4,5-Trichlorophenol	13.082	196	86570	21.362	ng/ul	99
43) 1,1'-Biphenyl	13.429	154	301116	20.008	ng/ul	99
44) 2-Chloronaphthalene	13.464	162	231789	19.821	ng/ul	99
45) 2-Nitroaniline	13.658	65	65963	22.148	ng/ul	91
47) Dimethylphthalate	14.051	163	292783	19.044	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	51899	24.724	ng/ul	97
50) Acenaphthylene	14.310	152	362478	19.578	ng/ul	98
51) 3-Nitroaniline	14.480	138	55039	23.032	ng/ul#	96
52) Acenaphthene	14.650	153	259986	18.861	ng/ul	98
53) 2,4-Dinitrophenol	14.686	184	14596	17.487	ng/ul#	75
55) 4-Nitrophenol	14.780	109	40170	20.931	ng/ul	98
56) Dibenzofuran	14.985	168	395359	20.762	ng/ul	99
57) 2,4-Dinitrotoluene	14.938	165	70128	24.354	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.209	232	86718	23.764	ng/ul	99
59) Diethylphthalate	15.414	149	316899	20.413	ng/ul	99
61) Fluorene	15.637	166	302455	20.313	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.637	204	155491	20.255	ng/ul	97
63) 4-Nitroaniline	15.643	138	61543	26.723	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.702	198	30590	19.170	ng/ul	97
67) N-Nitrosodiphenylamine	15.843	169	269740	19.249	ng/ul	97
68) 4-Bromophenyl-phenylether	16.524	248	95081	17.846	ng/ul	98
69) Hexachlorobenzene	16.636	284	117478	18.954	ng/ul	95
70) Atrazine	16.795	200	101102	18.832	ng/ul	99
71) Pentachlorophenol	16.977	266	64326	19.710	ng/ul	97
72) Phenanthrene	17.370	178	495182	18.814	ng/ul	99
74) Anthracene	17.464	178	514304	19.039	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	126970	18.129	ng/ul	99
76) Pentachlorobenzene	14.909	250	131789	17.987	ng/ul	94
77) Carbazole	17.723	167	427962	19.318	ng/ul	99
78) Di-n-butylphthalate	18.310	149	517754	19.641	ng/ul	99
80) Fluoranthene	19.379	202	587357	19.442	ng/ul	99
82) Pyrene	19.738	202	617064	19.180	ng/ul	99
83) Butylbenzylphthalate	20.642	149	224251	20.196	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.477	252	222781	22.017	ng/ul	98
85) Benzo(a)anthracene	21.559	228	623056	18.926	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.500	149	343514	20.045	ng/ul	99
87) Chrysene	21.618	228	590968	19.015	ng/ul	99
89) Di-n-octyl phthalate	22.693	149	587423	20.074	ng/ul	100
90) Benzo(b)fluoranthene	23.697	252	604427	19.343	ng/ul	100
91) Benzo(k)fluoranthene	23.762	252	592602	18.641	ng/ul	99
93) Benzo(a)pyrene	24.537	252	580119	19.620	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.185	276	747440	19.507	ng/ul	98
95) Dibenzo(a,h)anthracene	28.261	278	619174	19.785	ng/ul	97
96) Benzo(g,h,i)perylene	29.266	276	554425	19.055	ng/ul	99

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

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