Quantitation Report (Qedit)

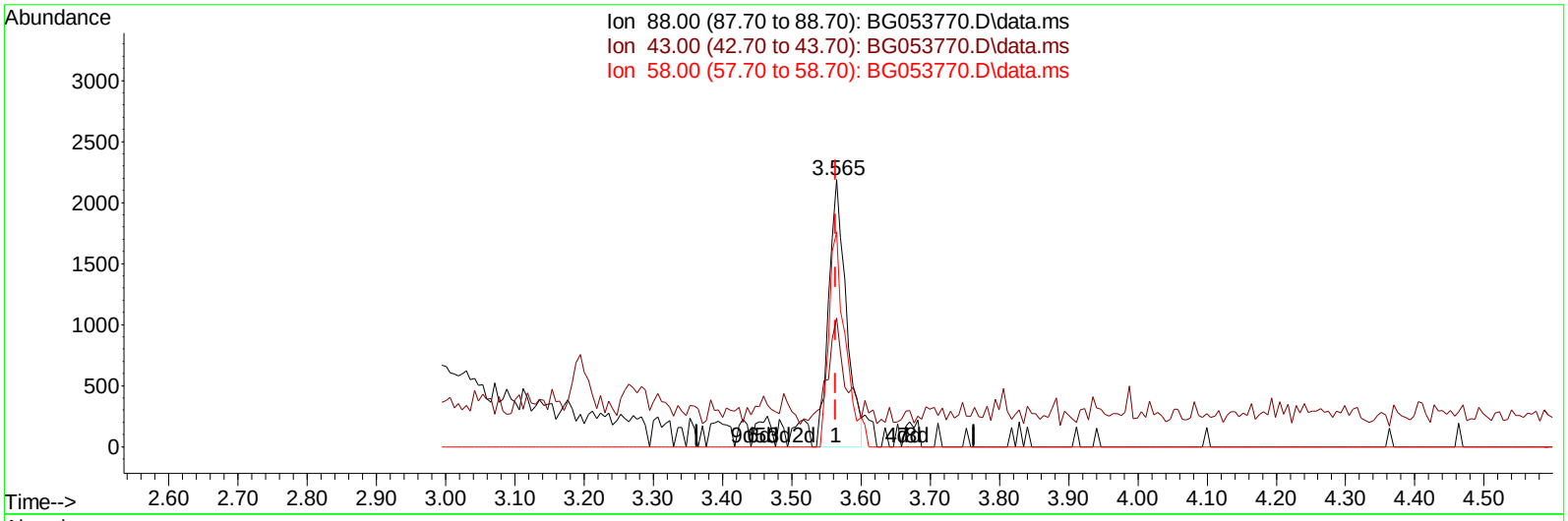
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
Data File : BG053770.D
Acq On : 31 May 2022 21:56
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

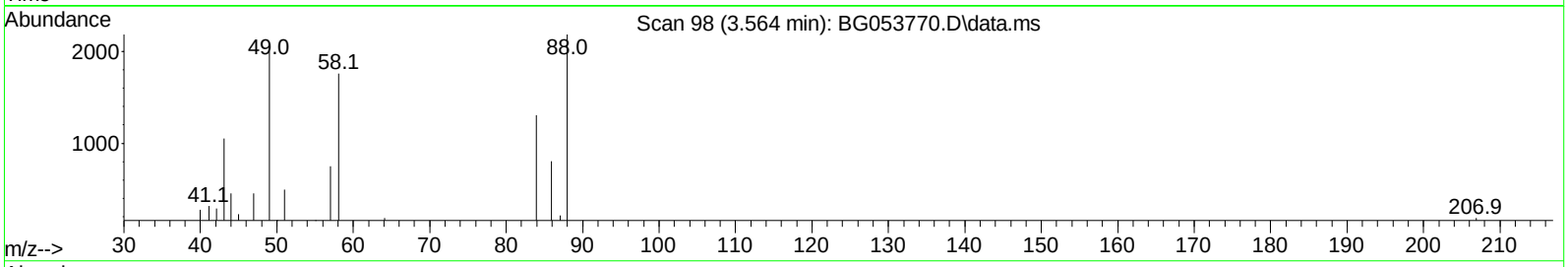
Quant Time: Jun 01 00:32:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 00:25:02 2022
Response via : Initial Calibration

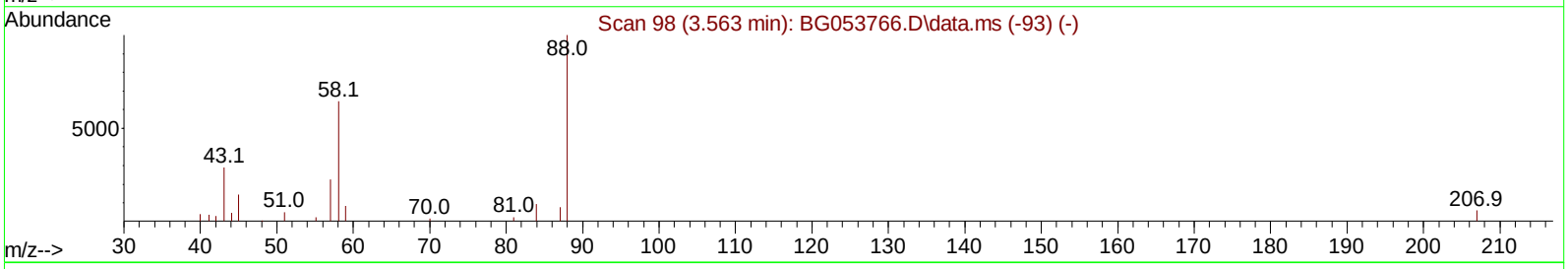
Instrument :
BNA_G
ClientSampleId :
SICV427

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
Supervised By :mohammad ahmed 06/06/2022







TIC: BG053770.D\data.ms

(2) 1,4-Dioxane

3.564min (+ 0.001) 7.76 ng/uL

response 3831

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	60.10	48.15
58.00	74.70	80.57
0.00	0.00	0.00

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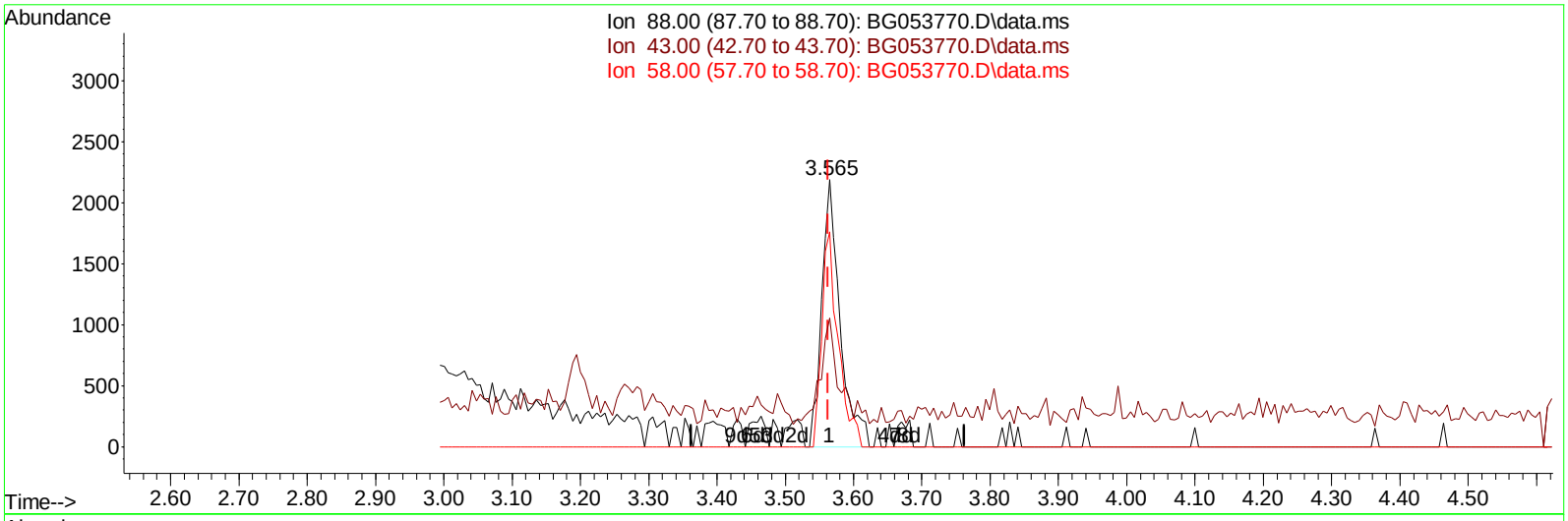

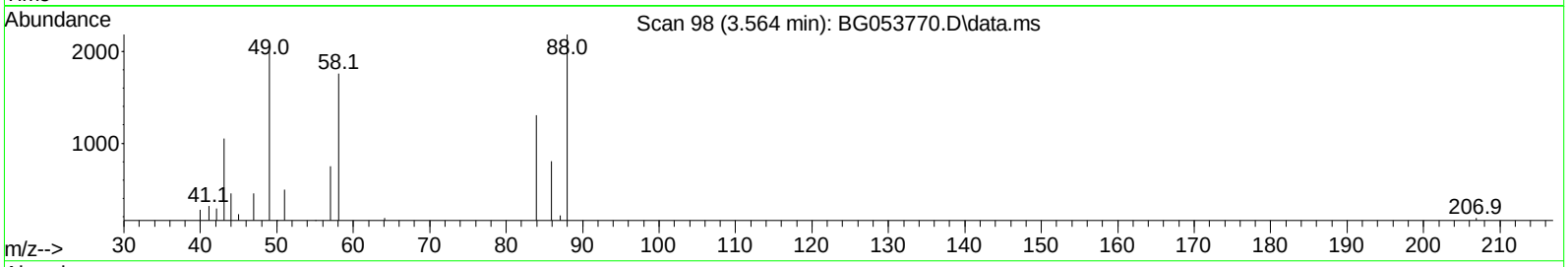

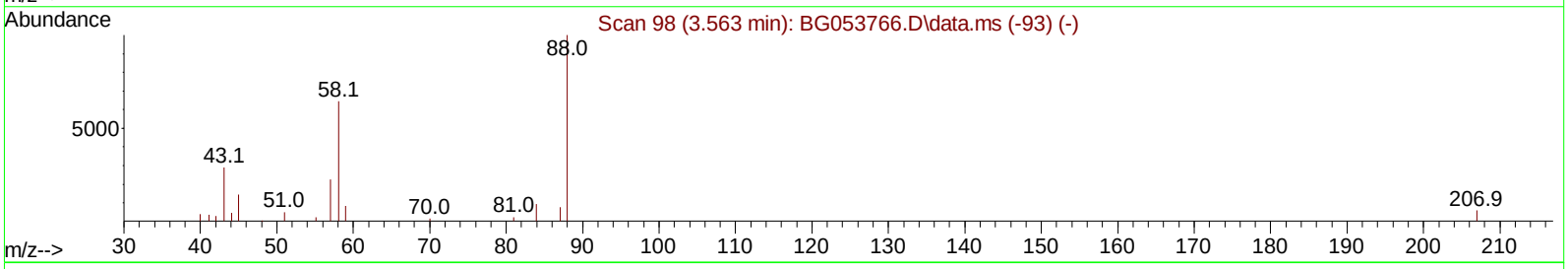

TIC: BG053770.D\data.ms

(2) 1,4-Dioxane

3.564min (+ 0.001) 8.25 ng/uL m

response 4072

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	60.10	48.15
58.00	74.70	80.57
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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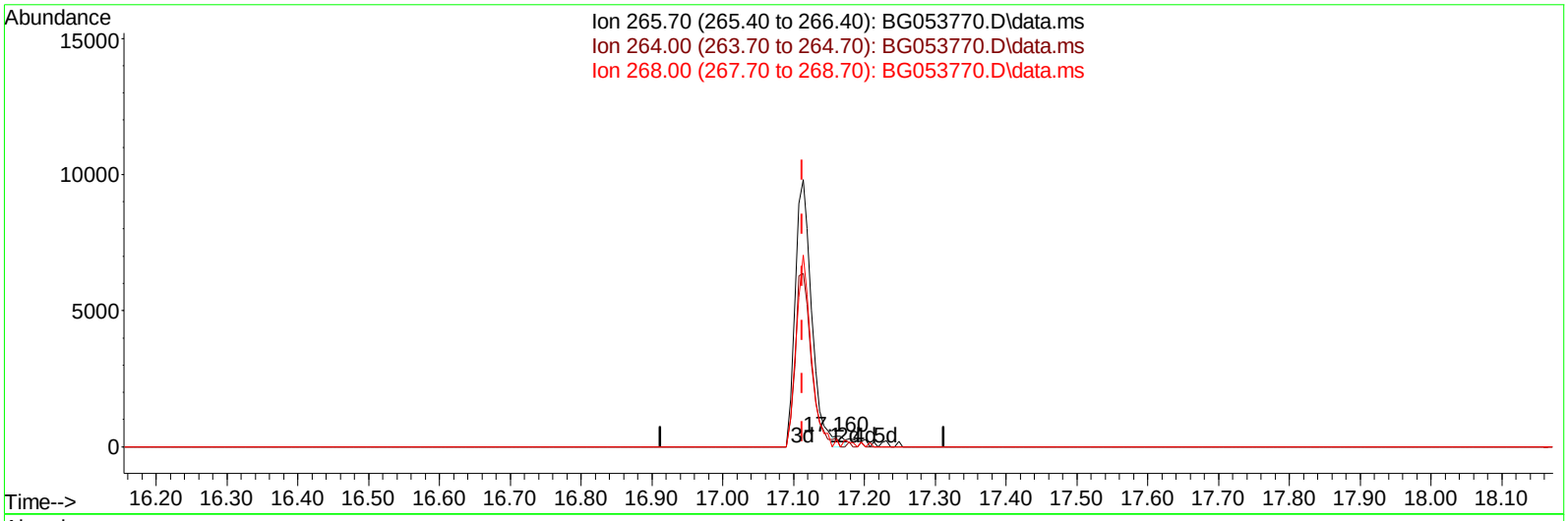

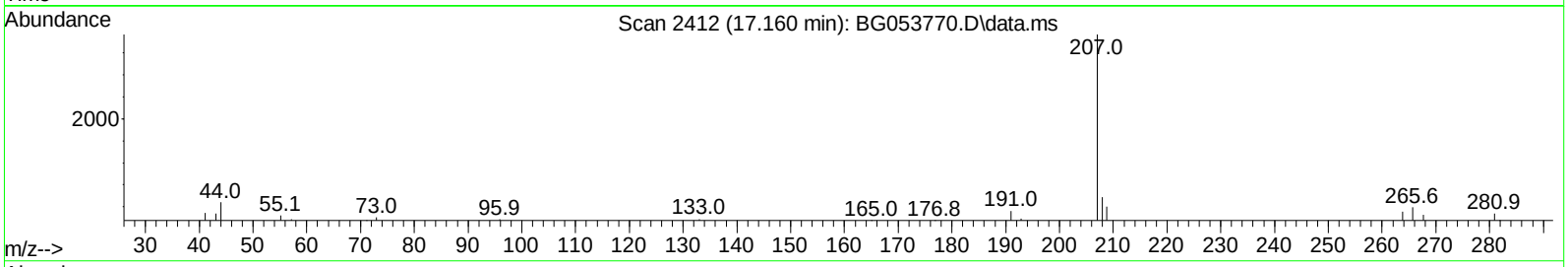

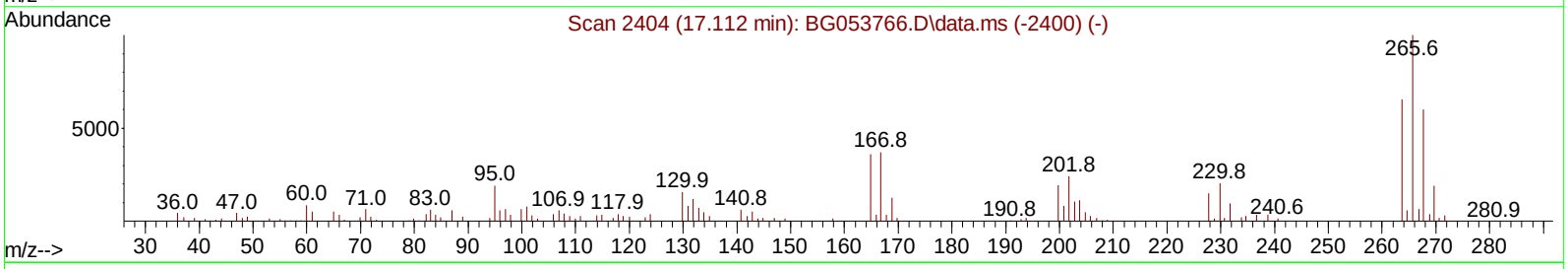

TIC: BG053770.D\data.ms

(71) Pentachlorophenol (C)

17.160min (+ 0.048) 0.41 ng/ul

response 358

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	80.72
268.00	60.00	66.07
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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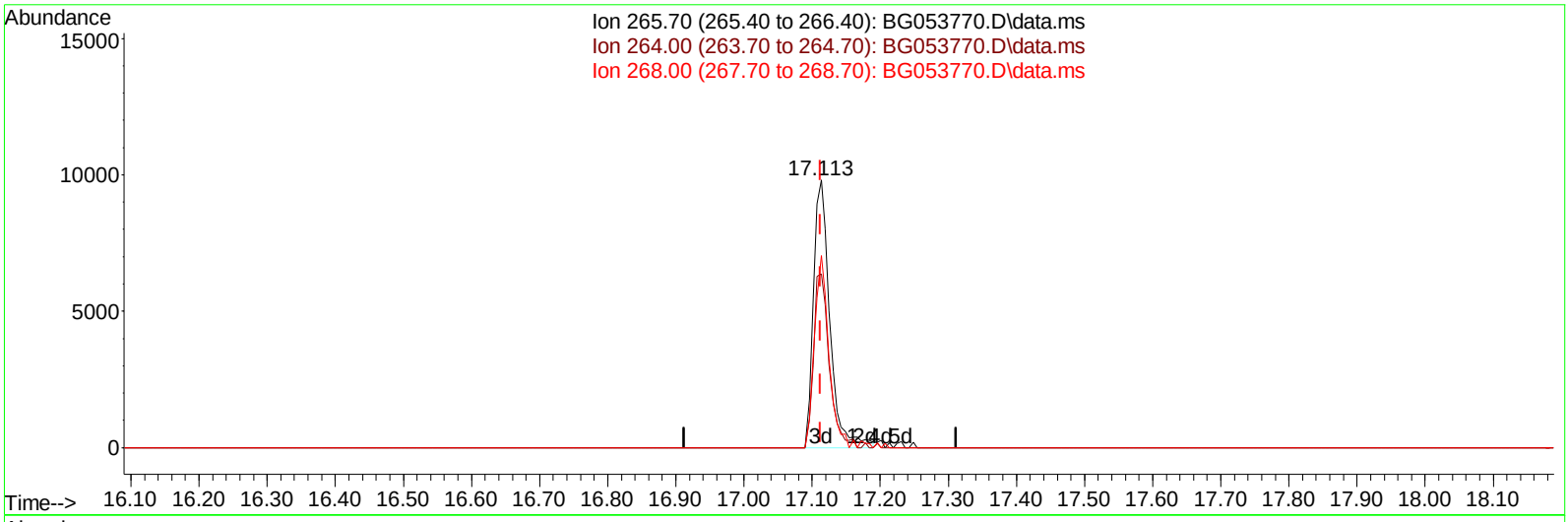

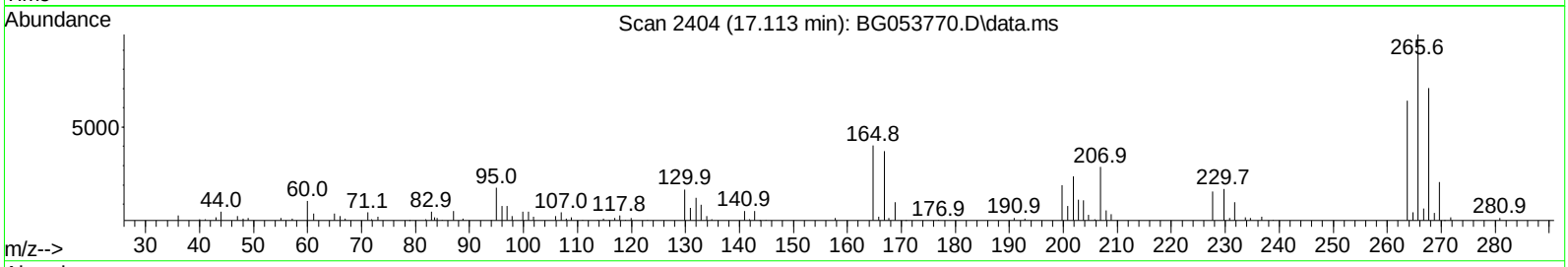

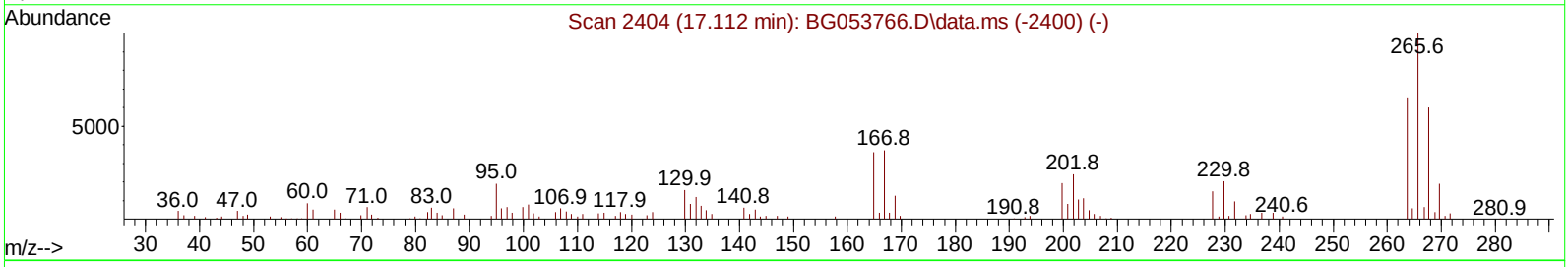

TIC: BG053770.D\data.ms

(71) Pentachlorophenol (C)

17.113min (+ 0.001) 18.68 ng/ul m

response 16410

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	64.91
268.00	60.00	71.75
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	17746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.915	136	70698	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	49724	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.466	188	123474	20.000	ng/ul	0.00
79) Chrysene-d12	21.749	240	144607	20.000	ng/ul	0.00
88) Perylene-d12	25.022	264	146364	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	3236	6.897	ng/uL	0.00
4) Pyridine-d5	3.946	84	20231	19.558	ng/ul	0.00
7) Phenol-d5	7.243	99	26449	19.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.425	67	16622	19.055	ng/ul	0.00
11) 2-Chlorophenol-d4	7.630	132	21158	19.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.794	113	21333	19.084	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	8921	21.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	9067	21.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	22456	19.712	ng/ul	0.00
31) 4-Chloroaniline-d4	11.032	131	30804	19.710	ng/ul	0.00
46) Dimethylphthalate-d6	14.123	166	74765	19.567	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	83100	19.463	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	10384	19.765	ng/ul	0.00
60) Fluorene-d10	15.715	176	65039	19.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	8893	18.014	ng/ul	0.00
73) Anthracene-d10	17.566	188	108923	19.531	ng/ul	0.00
81) Pyrene-d10	19.845	212	145444	18.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.793	264	143346	19.583	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	4072m	8.251	ng/uL	
5) Pyridine	3.964	79	21245	19.423	ng/ul	98
6) Benzaldehyde	7.237	77	17408	24.490	ng/ul	97
8) Phenol	7.272	94	28470	19.708	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.513	93	21610	19.534	ng/ul	89
12) 2-Chlorophenol	7.666	128	21974	20.010	ng/ul	96
13) 2-Methylphenol	8.535	108	21825	19.667	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.629	45	36252	19.498	ng/ul	99
16) Acetophenone	8.923	105	34308	19.650	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.905	70	18885	19.378	ng/ul	99
18) 4-Methylphenol	8.858	108	23003	19.611	ng/ul	98
19) Hexachloroethane	9.199	117	8765	18.828	ng/ul	90
22) Nitrobenzene	9.299	77	24046	21.817	ng/ul	98
23) Isophorone	9.828	82	49836	19.174	ng/ul	100
25) 2-Nitrophenol	10.016	139	9810	21.979	ng/ul	94
26) 2,4-Dimethylphenol	10.069	107	25890	19.214	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.310	93	29080	19.456	ng/ul	99
29) 2,4-Dichlorophenol	10.550	162	22626	20.027	ng/ul	97
30) Naphthalene	10.962	128	70476	19.695	ng/ul	99
32) 4-Chloroaniline	11.056	127	30629	19.891	ng/ul	99
33) Hexachlorobutadiene	11.256	225	18247	19.460	ng/ul	95
34) Caprolactam	11.825	113	5817	18.396	ng/ul	87
35) 4-Chloro-3-methylphenol	12.166	107	23234	19.489	ng/ul	99

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SICV427

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.560	142	49683	19.658	ng/ul	93
37) 1-Methylnaphthalene	12.777	142	50284	19.998	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.924	216	34537	19.857	ng/ul	99
40) Hexachlorocyclopentadiene	12.912	237	22777	19.262	ng/ul	97
41) 2,4,6-Trichlorophenol	13.159	196	19882	20.061	ng/ul	89
42) 2,4,5-Trichlorophenol	13.224	196	21925	20.567	ng/ul	93
43) 1,1'-Biphenyl	13.559	154	70434	19.582	ng/ul	100
44) 2-Chloronaphthalene	13.600	162	54266	19.368	ng/ul	97
45) 2-Nitroaniline	13.794	65	12607	21.164	ng/ul	97
47) Dimethylphthalate	14.170	163	71714	19.601	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	11192	20.964	ng/ul	90
50) Acenaphthylene	14.446	152	89741	19.606	ng/ul	99
51) 3-Nitroaniline	14.610	138	10938	21.396	ng/ul	97
52) Acenaphthene	14.787	153	58466	19.245	ng/ul	96
53) 2,4-Dinitrophenol	14.810	184	5059	17.962	ng/ul#	82
55) 4-Nitrophenol	14.898	109	9696	19.556	ng/ul	90
56) Dibenzofuran	15.122	168	86917	19.780	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	16155	21.663	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	18360	19.439	ng/ul#	99
59) Diethylphthalate	15.533	149	72478	19.146	ng/ul	99
61) Fluorene	15.768	166	70824	19.668	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.762	204	39208	19.408	ng/ul	96
63) 4-Nitroaniline	15.768	138	11501	23.306	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.827	198	8175	17.804	ng/ul#	93
67) N-Nitrosodiphenylamine	15.968	169	63820	18.929	ng/ul	97
68) 4-Bromophenyl-phenylether	16.655	248	26515	19.365	ng/ul	98
69) Hexachlorobenzene	16.773	284	30014	20.302	ng/ul	97
70) Atrazine	16.914	200	29542	19.863	ng/ul	98
71) Pentachlorophenol	17.113	266	16410m	18.677	ng/ul	
72) Phenanthrene	17.507	178	124021	19.469	ng/ul	99
74) Anthracene	17.601	178	126983	19.535	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.529	216	36259	18.568	ng/uL	98
76) Pentachlorobenzene	15.045	250	33555	19.131	ng/uL	94
77) Carbazole	17.860	167	114622	20.229	ng/ul	98
78) Di-n-butylphthalate	18.429	149	136705	19.296	ng/ul	100
80) Fluoranthene	19.516	202	165360	18.483	ng/ul	98
82) Pyrene	19.875	202	168156	18.962	ng/ul	99
83) Butylbenzylphthalate	20.768	149	62238	19.285	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.637	252	67903	21.105	ng/ul	96
85) Benzo(a)anthracene	21.726	228	181368	19.836	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.649	149	91544	19.316	ng/ul	98
87) Chrysene	21.796	228	173147	19.812	ng/ul	97
89) Di-n-octyl phthalate	22.883	149	155028	19.467	ng/ul	100
90) Benzo(b)fluoranthene	23.976	252	176554	19.227	ng/ul	96
91) Benzo(k)fluoranthene	24.052	252	173321	19.818	ng/ul	99
93) Benzo(a)pyrene	24.869	252	173234	19.533	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.753	276	200334	19.693	ng/ul	98
95) Dibenzo(a,h)anthracene	28.835	278	172432	19.740	ng/ul	98
96) Benzo(g,h,i)perylene	29.922	276	167813	19.558	ng/ul	99

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

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