Quantitation Report (Qedit)

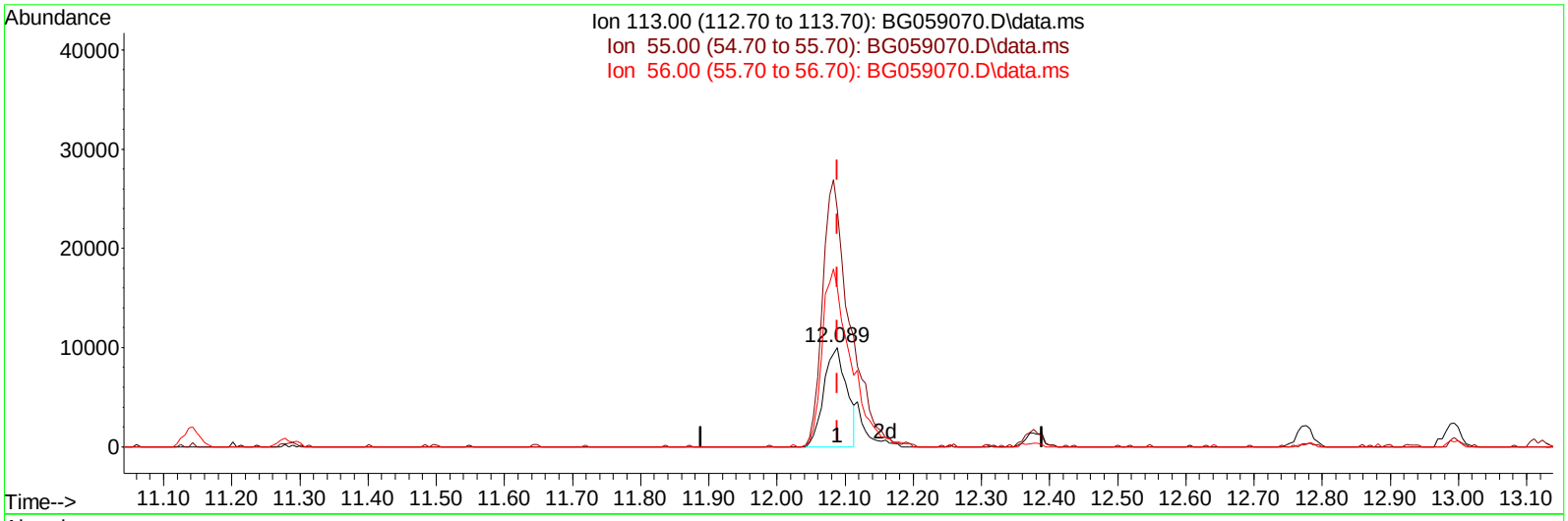
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059070.D
Acq On : 15 Sep 2023 14:13
Operator : MA/JU
Sample : SSTD02021
Misc :
ALS Vial : 4 Sample Multiplier: 1

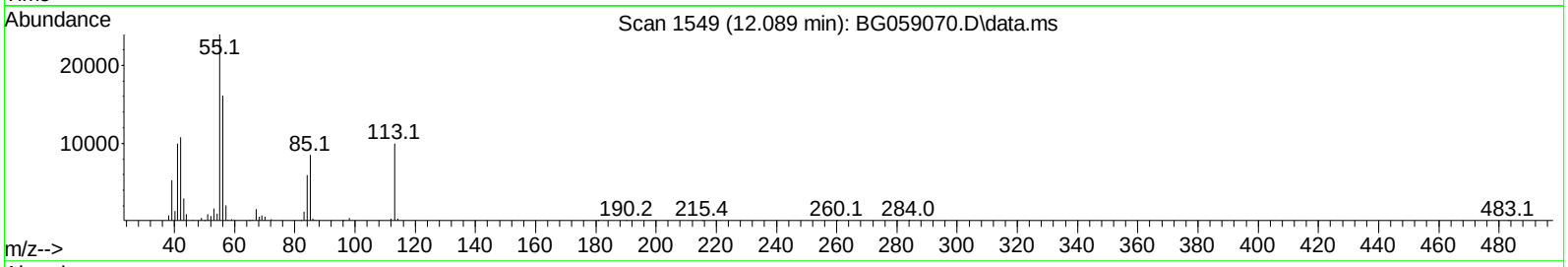
Quant Time: Sep 16 00:12:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

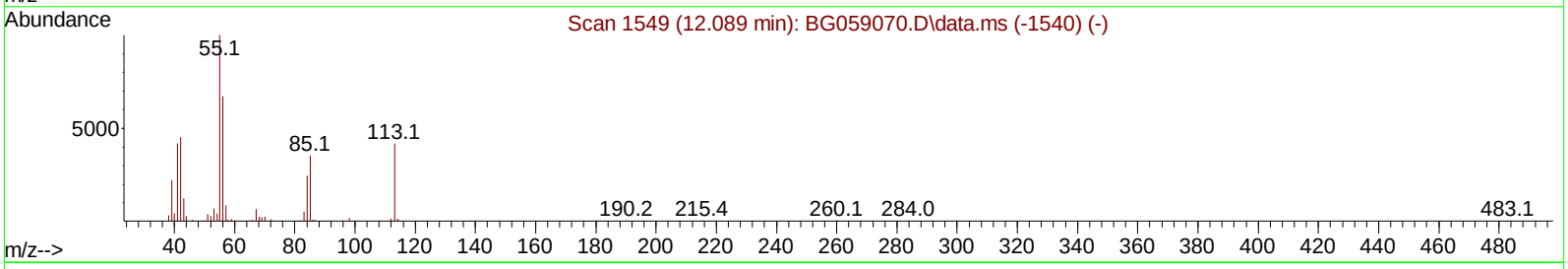
Instrument :
BNA_G
ClientSampleId :
SSTD020423

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023







TIC: BG059070.D\data.ms

(34) Caprolactam

12.089min (0.000) 17.85 ng/ul

response 23403

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	239.22
56.00	161.00	160.99
0.00	0.00	0.00

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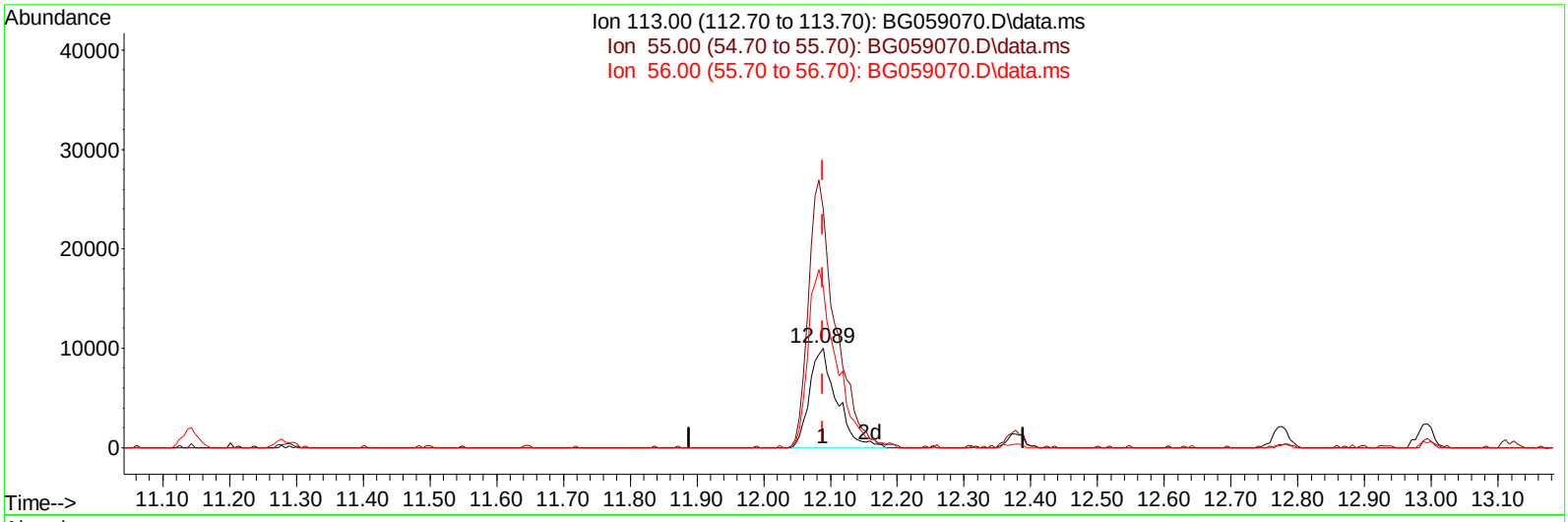

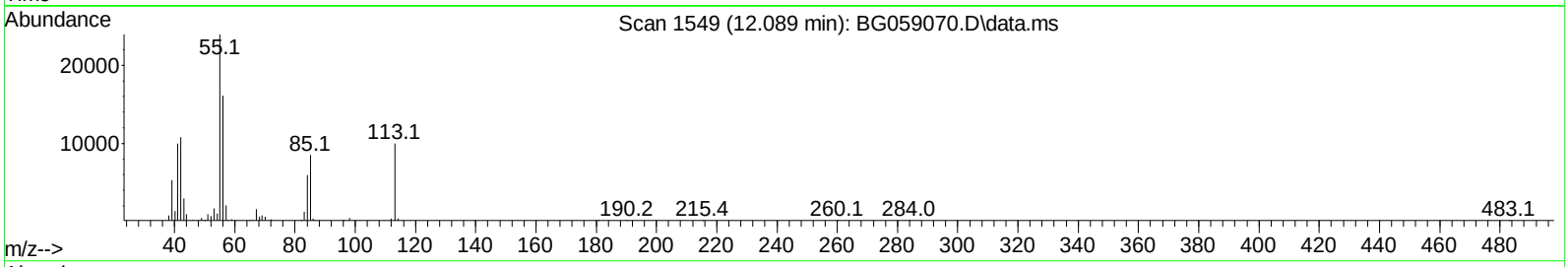

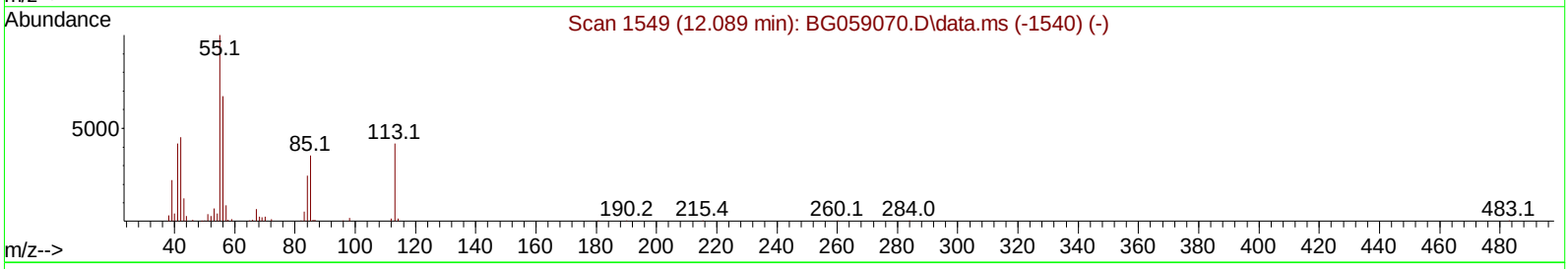

TIC: BG059070.D\data.ms

(34) Caprolactam

12.089min (0.000) 21.34 ng/ul m

response 27984

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	239.22
56.00	161.00	160.99
0.00	0.00	0.00

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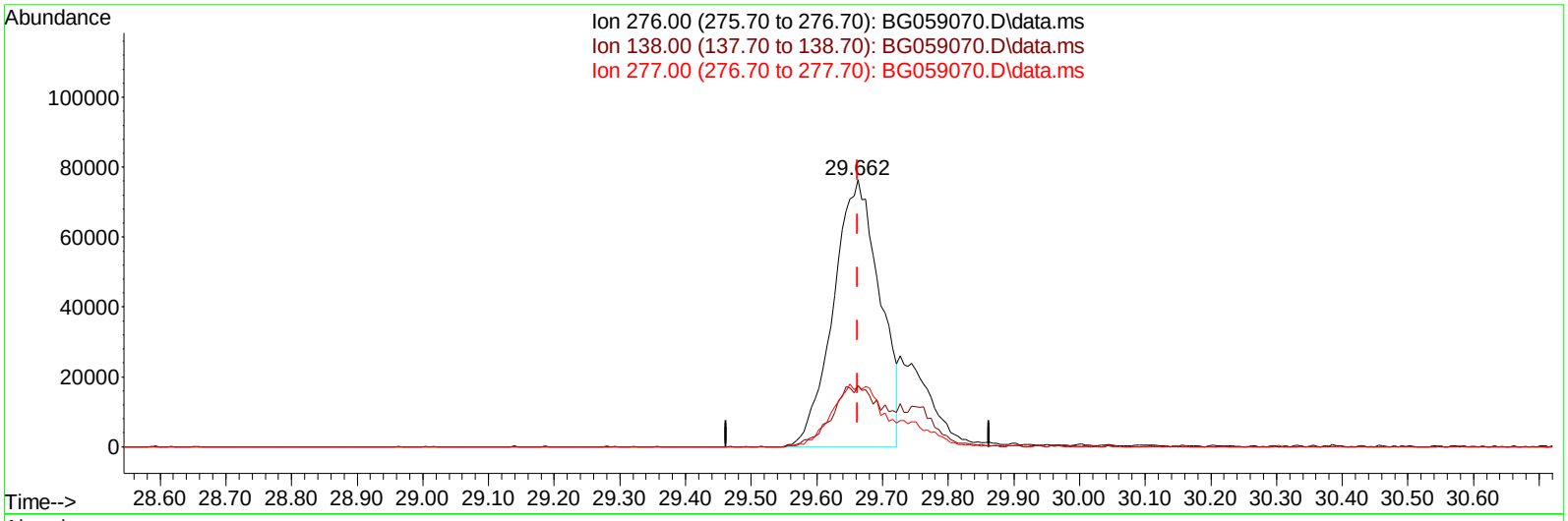

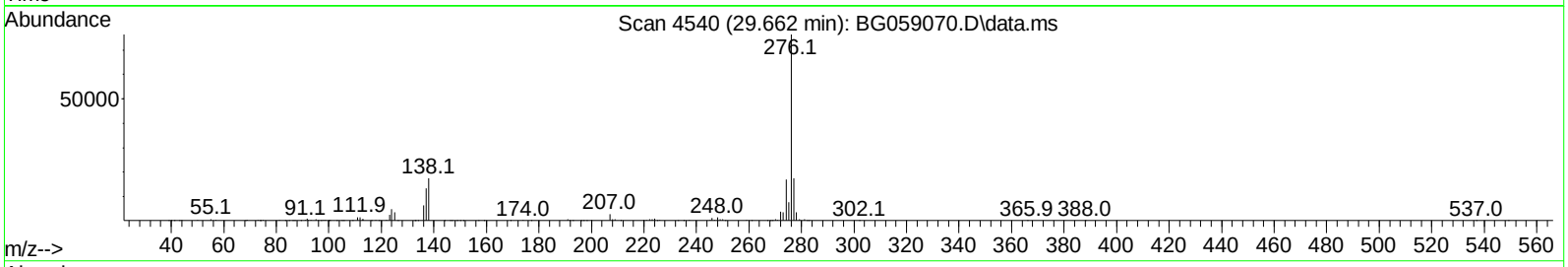

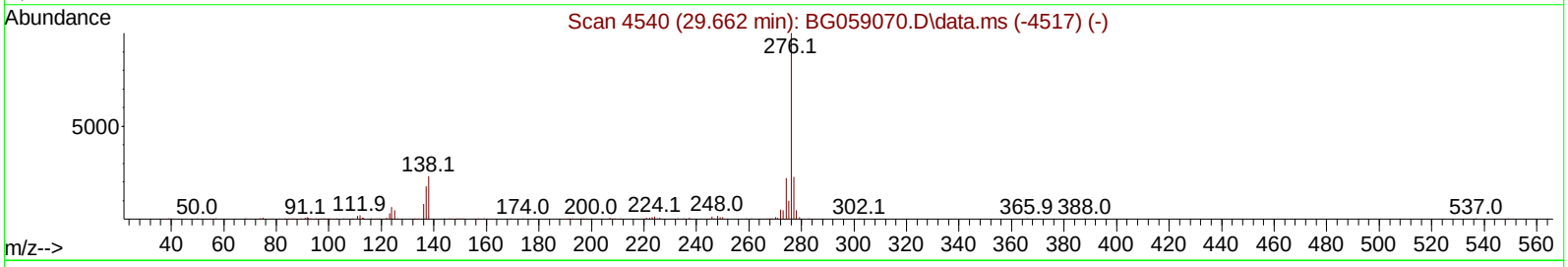

TIC: BG059070.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.662min (0.000) 16.74 ng/ul

response 374370

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.92
277.00	22.90	22.88
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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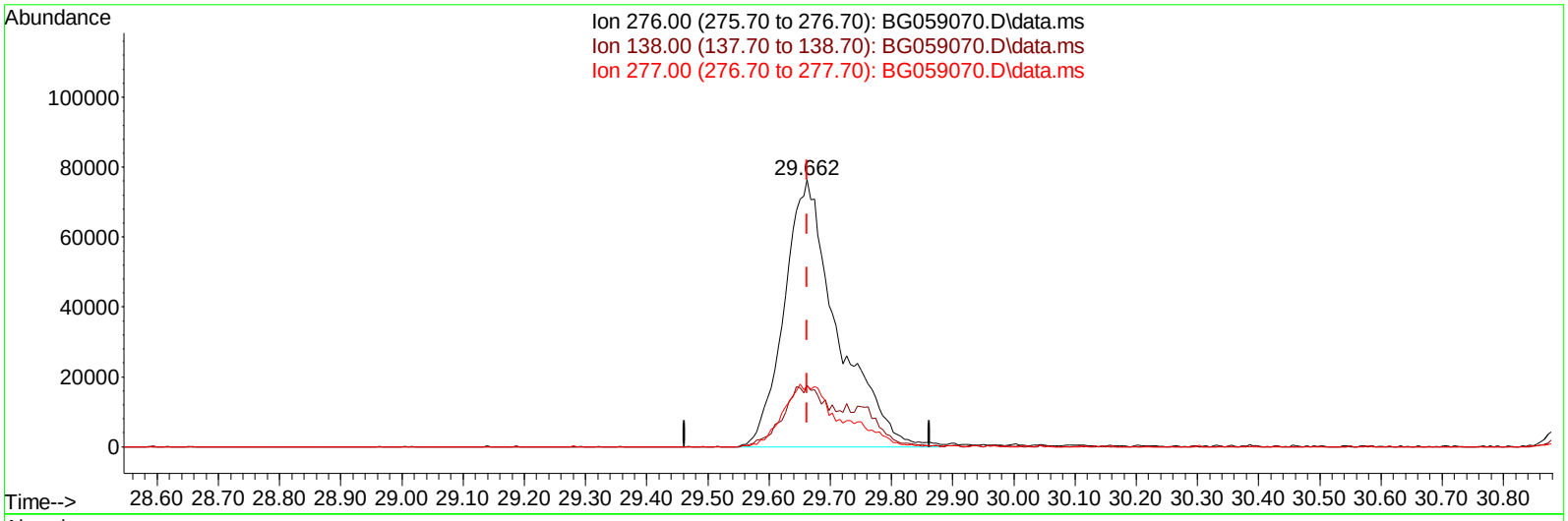

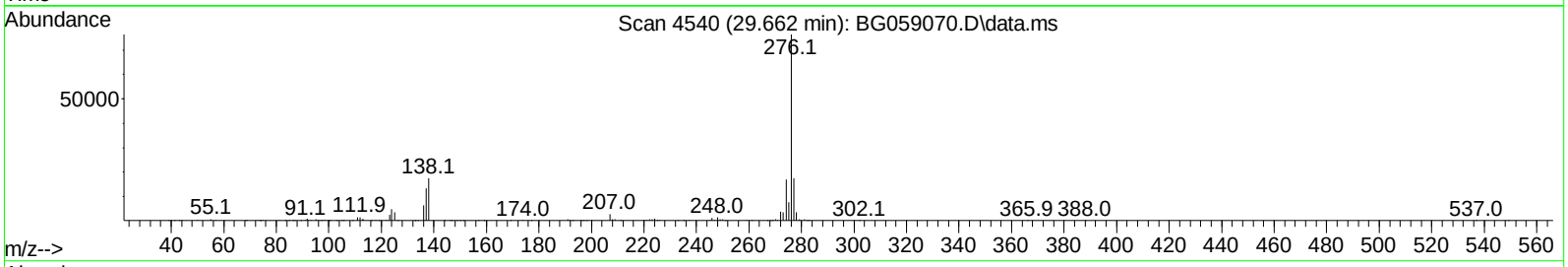

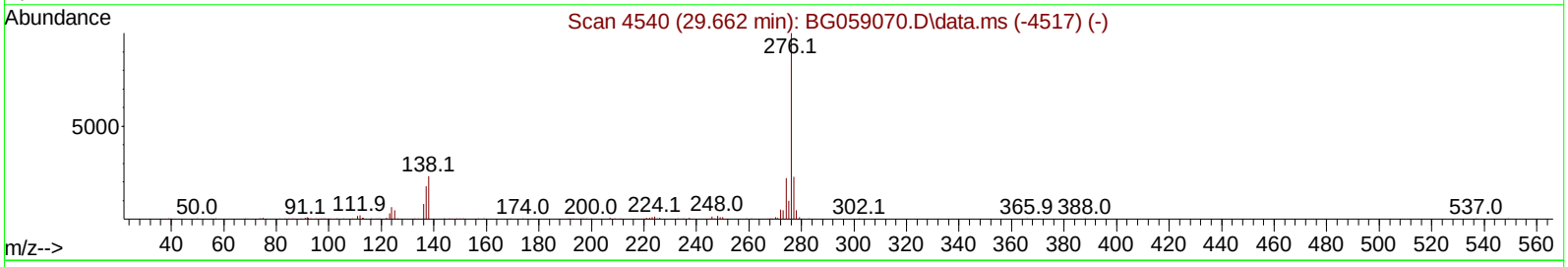

TIC: BG059070.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.662min (0.000) 20.61 ng/ul m

response 461049

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.92
277.00	22.90	22.88
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	42234	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	208513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.932	164	150671	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.682	188	326401	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	286642	20.000	ng/ul	0.00
88) Perylene-d12	25.555	264	329203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.610	96	5907	6.140	ng/uL	0.00
4) Pyridine-d5	4.039	84	47004	16.769	ng/ul	0.00
7) Phenol-d5	7.412	99	87657	20.011	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	54444	21.582	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	65082	22.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	70382	19.967	ng/ul	0.00
21) Nitrobenzene-d5	9.498	128	34008	21.306	ng/ul	0.00
24) 2-Nitrophenol-d4	10.214	143	37892	20.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	71063	19.497	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	108272	21.718	ng/ul	0.00
46) Dimethylphthalate-d6	14.321	166	245580	20.256	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	265351	20.367	ng/ul	0.00
54) 4-Nitrophenol-d4	15.097	143	46157	21.884	ng/ul	0.00
60) Fluorene-d10	15.920	176	212354	19.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.019	200	37288	19.561	ng/ul	0.00
73) Anthracene-d10	17.782	188	325498	21.936	ng/ul	0.00
81) Pyrene-d10	20.050	212	350189	21.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	349855	21.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	7009	5.605	ng/uL	100
5) Pyridine	4.063	79	46427	15.964	ng/ul	100
6) Benzaldehyde	7.441	77	52999	21.981	ng/ul	100
8) Phenol	7.441	94	89815	19.140	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.712	93	68430	20.900	ng/ul	100
12) 2-Chlorophenol	7.847	128	65952	21.982	ng/ul	100
13) 2-Methylphenol	8.716	108	71778	19.724	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.804	45	151318	33.115	ng/ul	100
16) Acetophenone	9.139	105	120126	20.297	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.104	70	56600	18.249	ng/ul	100
18) 4-Methylphenol	9.045	108	80897	20.162	ng/ul	100
19) Hexachloroethane	9.380	117	24328	19.364	ng/ul	100
22) Nitrobenzene	9.539	77	83466	18.444	ng/ul	100
23) Isophorone	10.044	82	183950	18.539	ng/ul	100
25) 2-Nitrophenol	10.250	139	40390	21.219	ng/ul	100
26) 2,4-Dimethylphenol	10.267	107	82455	18.644	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.532	93	104565	20.965	ng/ul	100
29) 2,4-Dichlorophenol	10.767	162	70532	21.053	ng/ul	100
30) Naphthalene	11.196	128	245302	22.601	ng/ul	100
32) 4-Chloroaniline	11.307	127	106003	22.075	ng/ul	100
33) Hexachlorobutadiene	11.425	225	38519	15.320	ng/ul	100
34) Caprolactam	12.089	113	27984m	21.344	ng/ul	
35) 4-Chloro-3-methylphenol	12.377	107	86313	19.452	ng/ul	100

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SSTD020423

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.776	142	166455	20.775	ng/ul	100
37) 1-Methylnaphthalene	12.994	142	173729	21.072	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.117	216	81617	17.542	ng/ul	100
40) Hexachlorocyclopentadiene	13.070	237	47467	14.567	ng/ul	100
41) 2,4,6-Trichlorophenol	13.358	196	61672	19.273	ng/ul	100
42) 2,4,5-Trichlorophenol	13.428	196	68172	19.901	ng/ul	100
43) 1,1'-Biphenyl	13.769	154	227862	20.772	ng/ul	100
44) 2-Chloronaphthalene	13.816	162	186910	21.795	ng/ul	100
45) 2-Nitroaniline	14.034	65	66103	22.015	ng/ul	100
47) Dimethylphthalate	14.368	163	251191	21.475	ng/ul	100
48) 2,6-Dinitrotoluene	14.515	165	49624	20.291	ng/ul	100
50) Acenaphthylene	14.662	152	313781	21.810	ng/ul	100
51) 3-Nitroaniline	14.850	138	50991	22.837	ng/ul	100
52) Acenaphthene	14.991	153	203100	21.096	ng/ul	100
53) 2,4-Dinitrophenol	15.044	184	23486	15.969	ng/ul	100
55) 4-Nitrophenol	15.115	109	33401	13.675	ng/ul	100
56) Dibenzofuran	15.326	168	296047	20.923	ng/ul	100
57) 2,4-Dinitrotoluene	15.291	165	71396	20.504	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.532	232	60814	17.725	ng/ul	100
59) Diethylphthalate	15.720	149	248578	20.865	ng/ul	100
61) Fluorene	15.972	166	247865	20.746	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.955	204	114132	17.991	ng/ul	100
63) 4-Nitroaniline	16.014	138	51455	24.539	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.037	198	41204	20.000	ng/ul	100
67) N-Nitrosodiphenylamine	16.178	169	209433	24.392	ng/ul	100
68) 4-Bromophenyl-phenylether	16.854	248	69656	18.985	ng/ul	100
69) Hexachlorobenzene	16.948	284	79158	19.618	ng/ul	100
70) Atrazine	17.106	200	78527	22.175	ng/ul	100
71) Pentachlorophenol	17.300	266	48091	18.652	ng/ul	100
72) Phenanthrene	17.723	178	391491	23.529	ng/ul	100
74) Anthracene	17.817	178	403466	23.470	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.728	216	86473	20.543	ng/uL	100
76) Pentachlorobenzene	15.220	250	82708	19.087	ng/uL	100
77) Carbazole	18.088	167	373161	26.002	ng/ul	100
78) Di-n-butylphthalate	18.599	149	452565	25.986	ng/ul	100
80) Fluoranthene	19.715	202	440744	24.594	ng/ul	100
82) Pyrene	20.079	202	460316	23.802	ng/ul	100
83) Butylbenzylphthalate	20.943	149	182917	25.803	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.895	252	155281	23.680	ng/ul	100
85) Benzo(a)anthracene	21.983	228	433658	22.061	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.819	149	283941	27.234	ng/ul	100
87) Chrysene	22.054	228	395168	21.879	ng/ul	100
89) Di-n-octyl phthalate	23.146	149	481601	27.853	ng/ul	100
90) Benzo(b)fluoranthene	24.404	252	427188	21.989	ng/ul	100
91) Benzo(k)fluoranthene	24.480	252	448791	22.482	ng/ul	100
93) Benzo(a)pyrene	25.385	252	406556	22.130	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.662	276	461049m	20.613	ng/ul	
95) Dibenzo(a,h)anthracene	29.745	278	356760	19.951	ng/ul	100
96) Benzo(g,h,i)perylene	30.967	276	372784	20.714	ng/ul	100

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

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