Quantitation Report (Qedit)

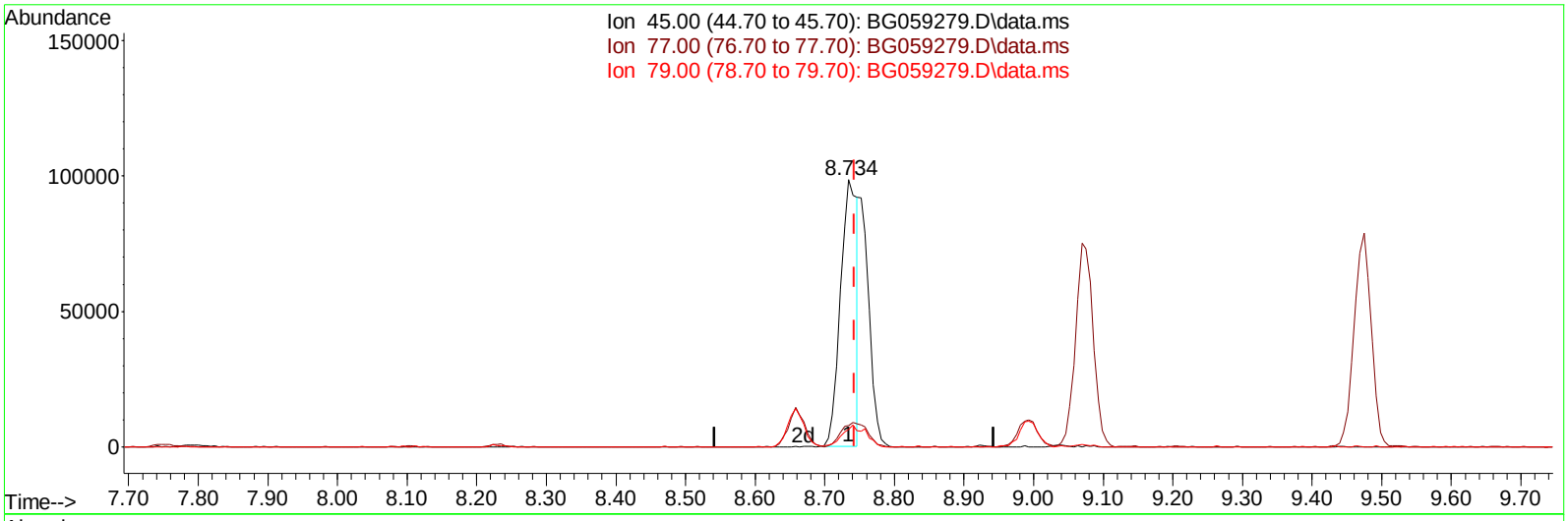
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
Data File : BG059279.D
Acq On : 4 Oct 2023 13:36
Operator : MA/JU
Sample : 04497-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

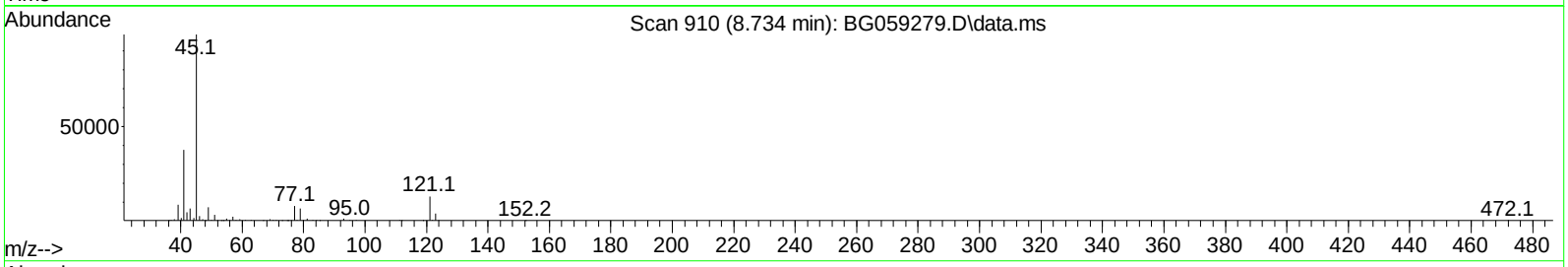
Quant Time: Oct 04 22:46:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

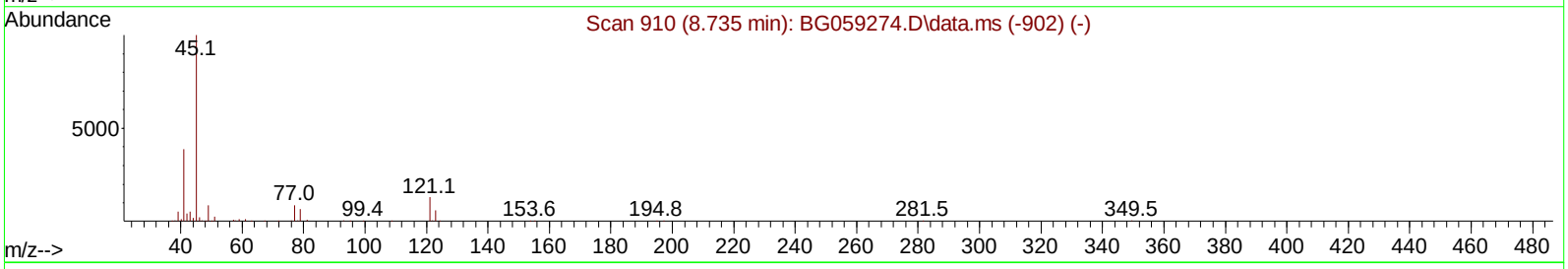
Instrument :
BNA_G
ClientSampleId :
BBBN2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023







TIC: BG059279.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.734min (-0.008) 25.67 ng/ul

response 164542

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	7.98
79.00	7.40	6.55
0.00	0.00	0.00

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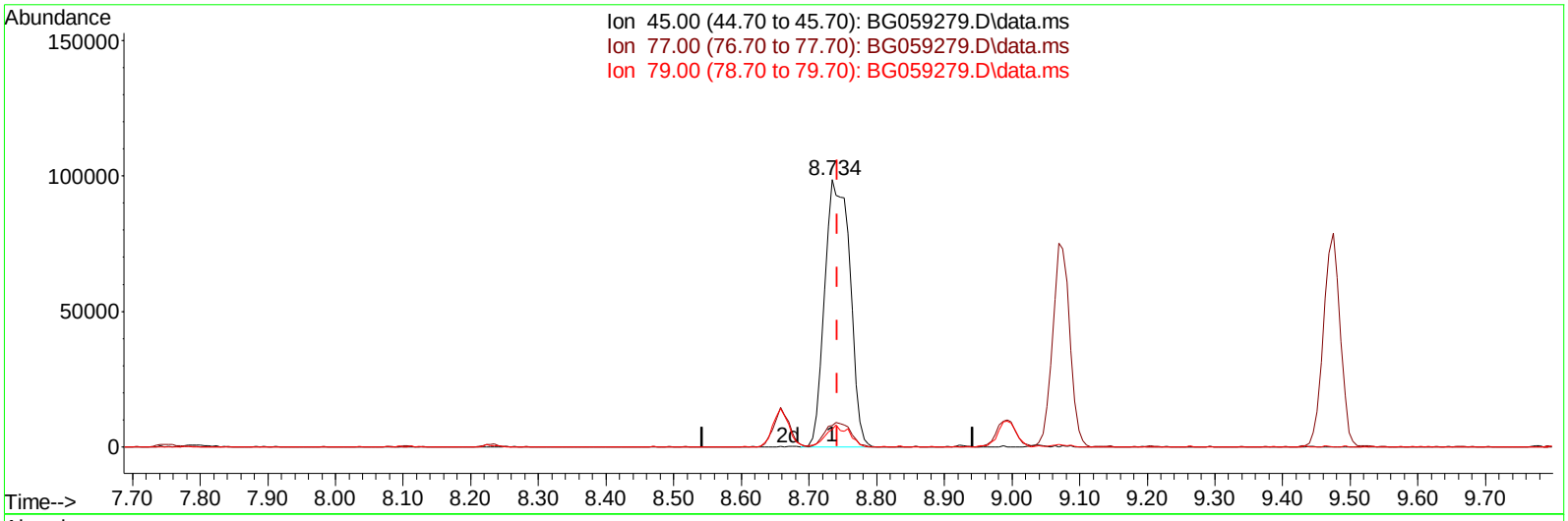

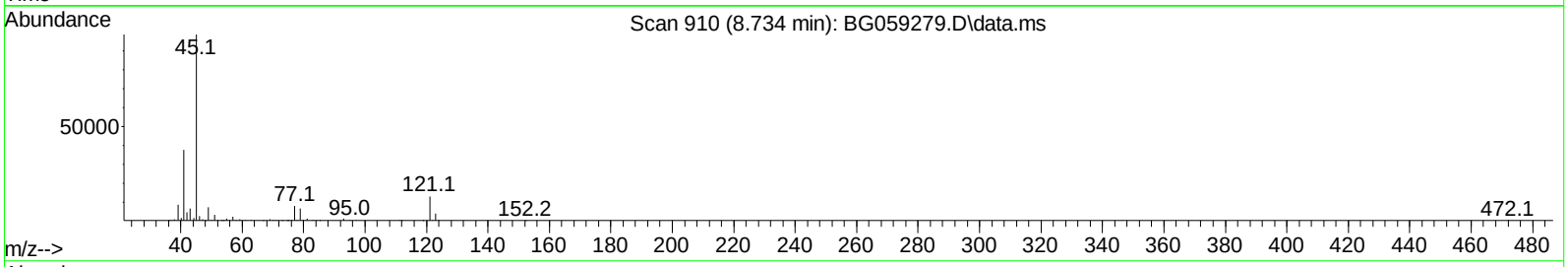

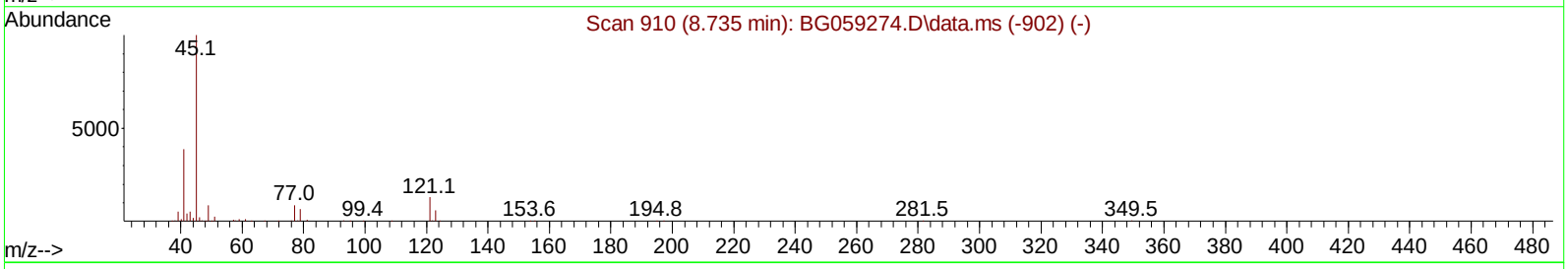

TIC: BG059279.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.734min (-0.008) 39.96 ng/ul m

response 256133

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	7.98
79.00	7.40	6.55
0.00	0.00	0.00

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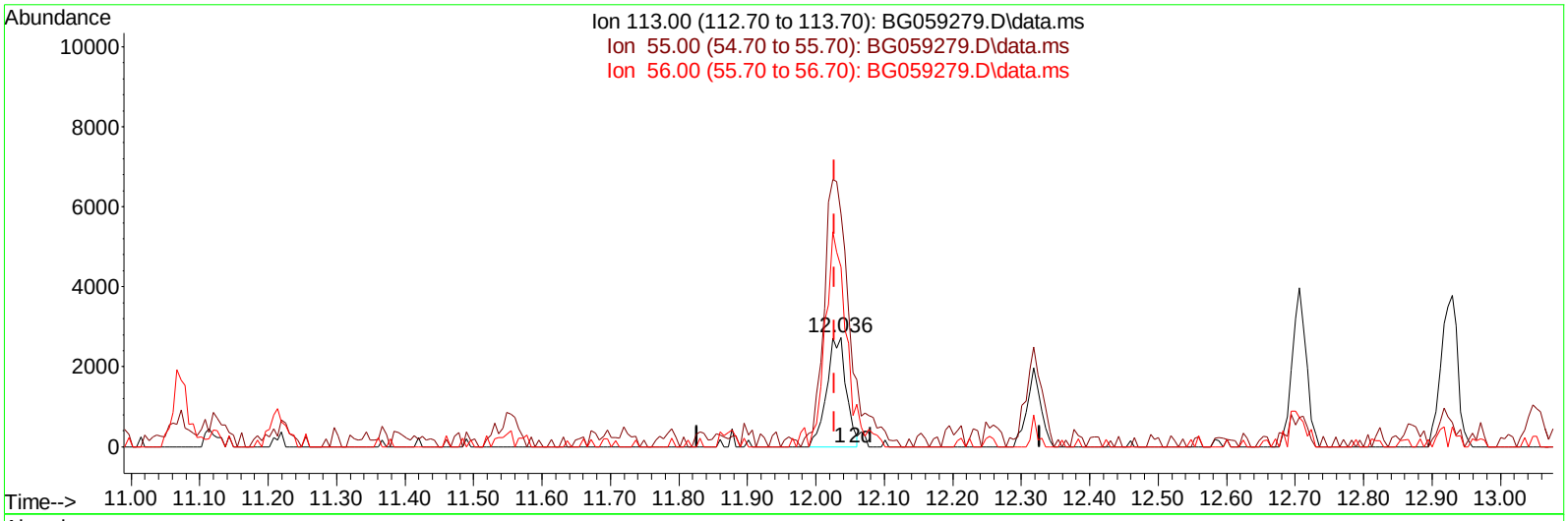

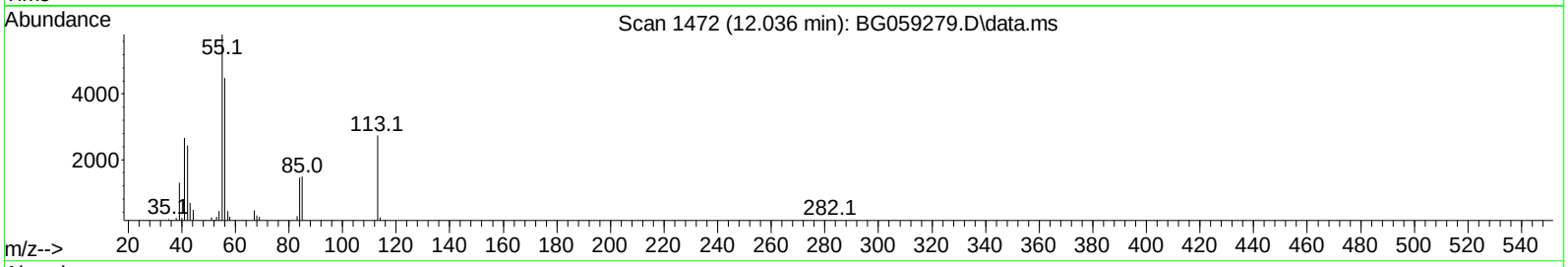

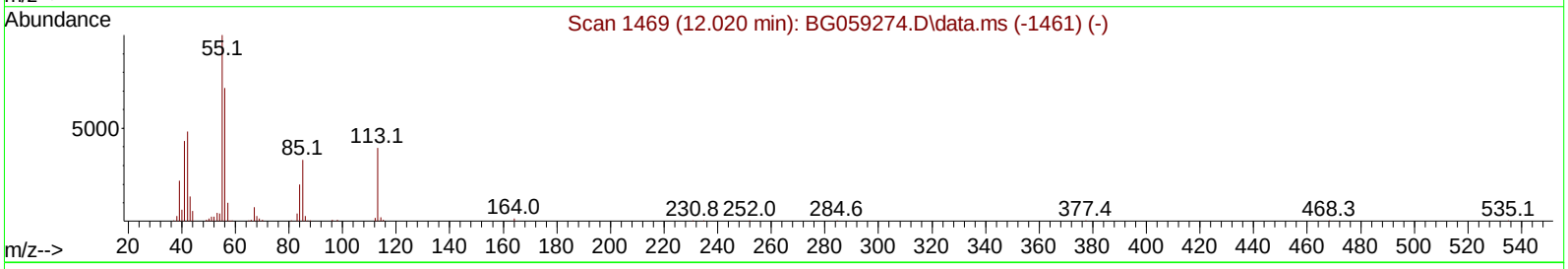

TIC: BG059279.D\data.ms

(34) Caprolactam

12.036min (+ 0.010) 6.62 ng/ul

response 5413

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	212.20
56.00	209.90	163.95#
0.00	0.00	0.00

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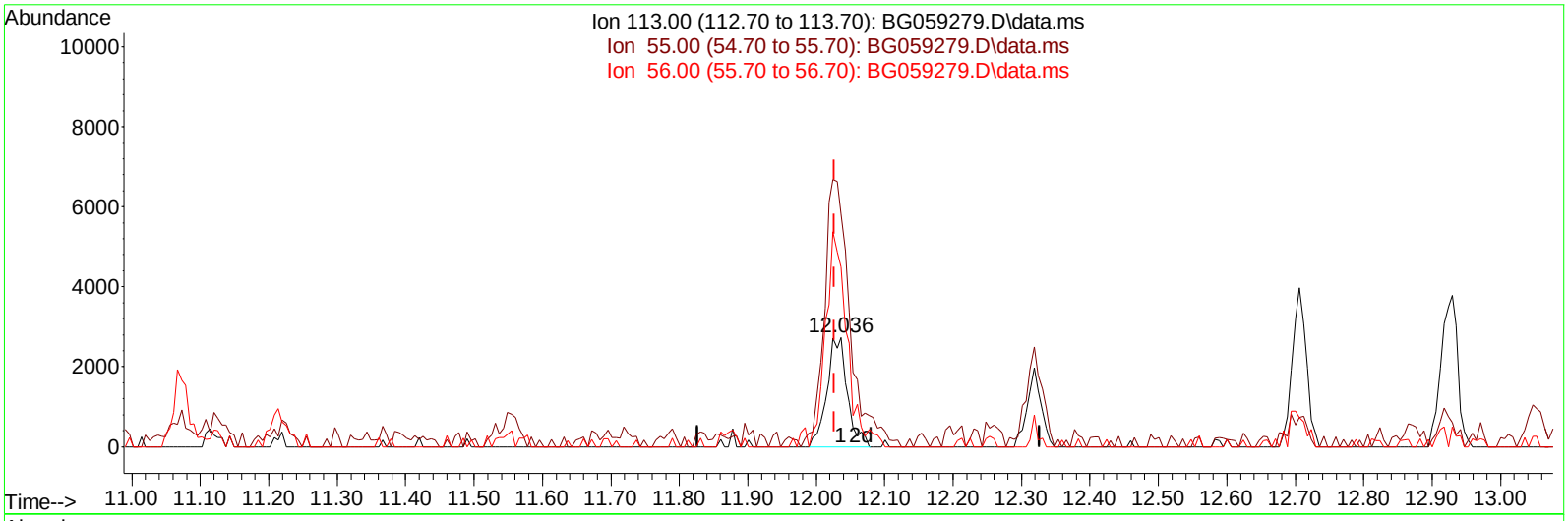

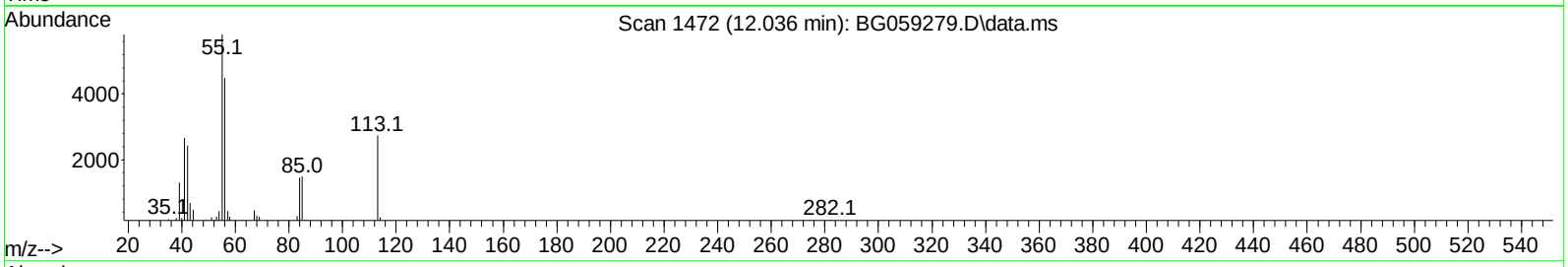

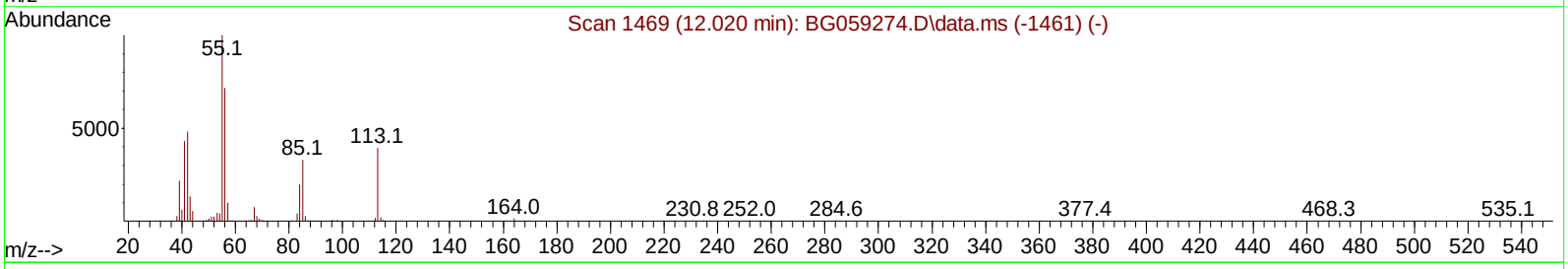

TIC: BG059279.D\data.ms

(34) Caprolactam

12.036min (+ 0.010) 6.90 ng/ul m

response 5645

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	212.20
56.00	209.90	163.95#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35505	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	167077	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	103889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	225687	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	198481	20.000	ng/ul	0.00
88) Perylene-d12	25.385	264	224633	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	5065	5.384	ng/uL	0.00
4) Pyridine-d5	3.963	84	32503	11.841	ng/ul	0.00
7) Phenol-d5	7.354	99	30749	8.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	85988	37.875	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	77761	32.549	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	48945	17.816	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	49319	41.831	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	50082	43.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	93678	39.400	ng/ul	0.00
31) 4-Chloroaniline-d4	11.214	131	96749	25.150	ng/ul	0.00
46) Dimethylphthalate-d6	14.257	166	332696	44.294	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	390041	41.371	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	13168	10.039	ng/ul	0.00
60) Fluorene-d10	15.850	176	317959	44.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	57045	49.173	ng/ul	0.00
73) Anthracene-d10	17.712	188	441799	42.962	ng/ul	0.00
81) Pyrene-d10	19.986	212	508497	45.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	515076	47.716	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	6010	5.438	ng/uL#	71
5) Pyridine	3.987	79	35700	12.808	ng/ul	93
6) Benzaldehyde	7.377	77	79791	51.124	ng/ul	94
8) Phenol	7.389	94	35190	9.954	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.647	93	117589	40.554	ng/ul	95
12) 2-Chlorophenol	7.783	128	86701	34.420	ng/ul	99
13) 2-Methylphenol	8.658	108	58523	21.910	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.734	45	256133m	39.958	ng/ul	
16) Acetophenone	9.075	105	170174	39.996	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.034	70	88760	41.126	ng/ul	100
18) 4-Methylphenol	8.993	108	58434	20.647	ng/ul	99
19) Hexachloroethane	9.316	117	40073	40.382	ng/ul	92
22) Nitrobenzene	9.475	77	135754	46.645	ng/ul	94
23) Isophorone	9.980	82	266890	42.644	ng/ul	99
25) 2-Nitrophenol	10.180	139	57937	45.431	ng/ul	95
26) 2,4-Dimethylphenol	10.209	107	36347	13.330	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.462	93	161012	40.774	ng/ul	99
29) 2,4-Dichlorophenol	10.703	162	97581	41.287	ng/ul	97
30) Naphthalene	11.120	128	389044	43.429	ng/ul	96
32) 4-Chloroaniline	11.243	127	98240	26.706	ng/ul	98
33) Hexachlorobutadiene	11.349	225	67996	42.987	ng/ul	94
34) Caprolactam	12.036	113	5645m	6.903	ng/ul	
35) 4-Chloro-3-methylphenol	12.318	107	93556	37.100	ng/ul	98

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	257184	43.825 ng/ul	97
37) 1-Methylnaphthalene	12.924	142	249460	41.882 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.053	216	134150	43.131 ng/ul	99
40) Hexachlorocyclopentadiene	13.000	237	52554	27.392 ng/ul	99
41) 2,4,6-Trichlorophenol	13.294	196	86494	45.422 ng/ul	88
42) 2,4,5-Trichlorophenol	13.364	196	88320	44.201 ng/ul	92
43) 1,1'-Biphenyl	13.699	154	372792	44.432 ng/ul	100
44) 2-Chloronaphthalene	13.752	162	280337	44.378 ng/ul	99
45) 2-Nitroaniline	13.969	65	75543	42.395 ng/ul	96
47) Dimethylphthalate	14.310	163	364586	47.390 ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	73821	56.416 ng/ul	86
50) Acenaphthylene	14.598	152	453858	45.100 ng/ul	99
51) 3-Nitroaniline	14.792	138	36607	25.916 ng/ul#	98
52) Acenaphthene	14.927	153	319871	46.308 ng/ul	93
53) 2,4-Dinitrophenol	14.986	184	36801	50.594 ng/ul#	91
55) 4-Nitrophenol	15.074	109	10671	11.533 ng/ul	90
56) Dibenzofuran	15.262	168	425832	46.508 ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	103800	53.575 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.468	232	86752	47.959 ng/ul#	95
59) Diethylphthalate	15.650	149	356142	47.885 ng/ul	98
61) Fluorene	15.908	166	364891	47.463 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.891	204	181841	47.448 ng/ul	98
63) 4-Nitroaniline	15.955	138	26749	20.577 ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.979	198	65051	53.182 ng/ul#	86
67) N-Nitrosodiphenylamine	16.108	169	287697	47.822 ng/ul	99
68) 4-Bromophenyl-phenylether	16.790	248	105343	48.181 ng/ul	98
69) Hexachlorobenzene	16.878	284	117516	47.576 ng/ul	97
70) Atrazine	17.042	200	86886	37.983 ng/ul	93
71) Pentachlorophenol	17.236	266	71168	50.062 ng/ul	96
72) Phenanthrene	17.659	178	603588	48.733 ng/ul	100
74) Anthracene	17.747	178	592970	46.366 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	134418	45.196 ng/uL	98
76) Pentachlorobenzene	15.156	250	130117	44.309 ng/uL	99
77) Carbazole	18.023	167	516883	49.589 ng/ul	98
78) Di-n-butylphthalate	18.529	149	634204	51.328 ng/ul	100
80) Fluoranthene	19.651	202	689425	50.350 ng/ul	99
82) Pyrene	20.015	202	713526	49.197 ng/ul	99
83) Butylbenzylphthalate	20.867	149	268308	52.459 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.801	252	114714	24.956 ng/ul	96
85) Benzo(a)anthracene	21.890	228	680167	48.681 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.719	149	414133	53.323 ng/ul	98
87) Chrysene	21.960	228	638856	48.412 ng/ul	100
89) Di-n-octyl phthalate	23.012	149	710928	54.417 ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	719055	52.263 ng/ul	97
91) Benzo(k)fluoranthene	24.340	252	721487	51.754 ng/ul	99
93) Benzo(a)pyrene	25.227	252	667196	51.119 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.404	276	1115090	75.473 ng/ul	99
95) Dibenzo(a,h)anthracene	29.486	278	928821	77.306 ng/ul	94
96) Benzo(g,h,i)perylene	30.691	276	908210	75.602 ng/ul	93

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

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