Quantitation Report (Qedit)

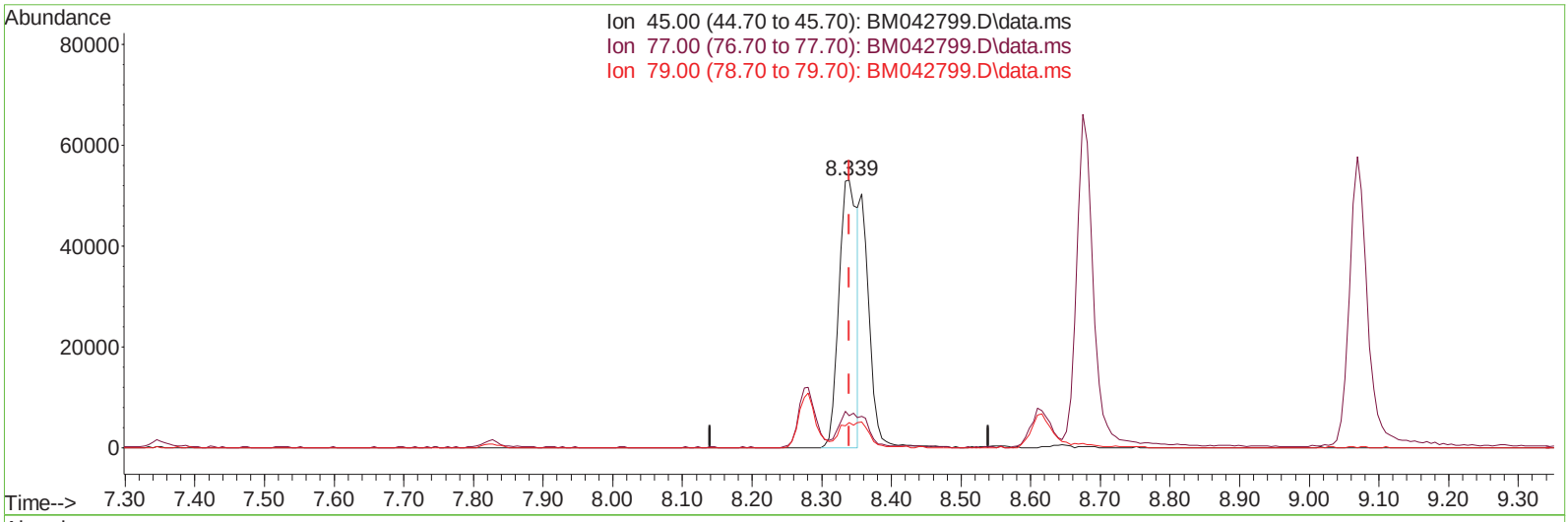
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042799.D
Acq On : 16 Nov 2023 10:07
Operator : MA/JU
Sample : 05259-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

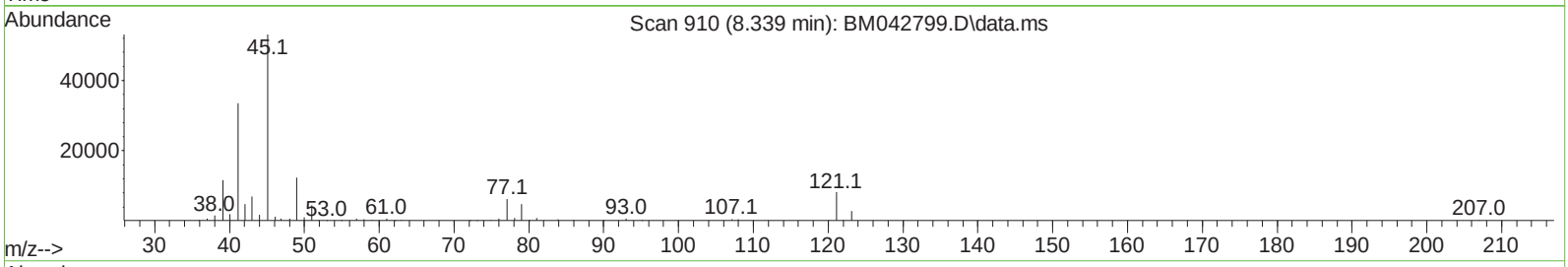
Quant Time: Nov 16 11:58:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

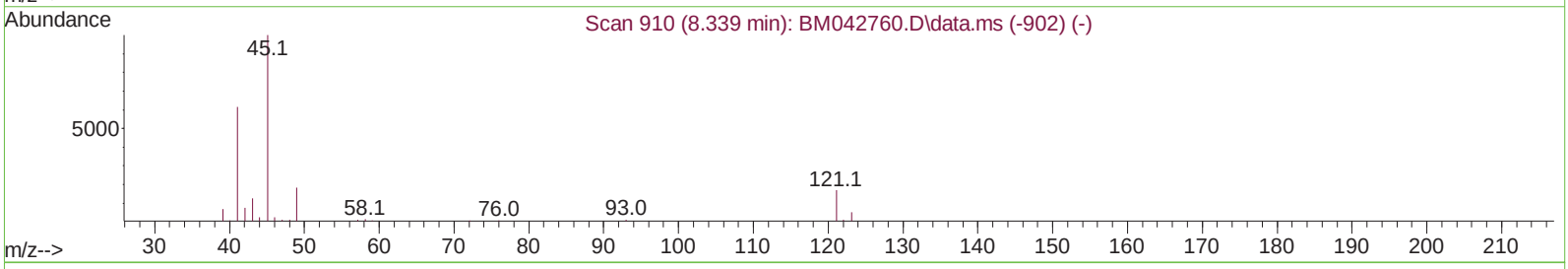
Instrument :
BNA_M
ClientSampleId :
YCGA9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042799.D\data.ms

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

8.339min (-0.000) 21.74 ng/ul

response 96725

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	11.84#
79.00	10.20	9.28
0.00	0.00	0.00

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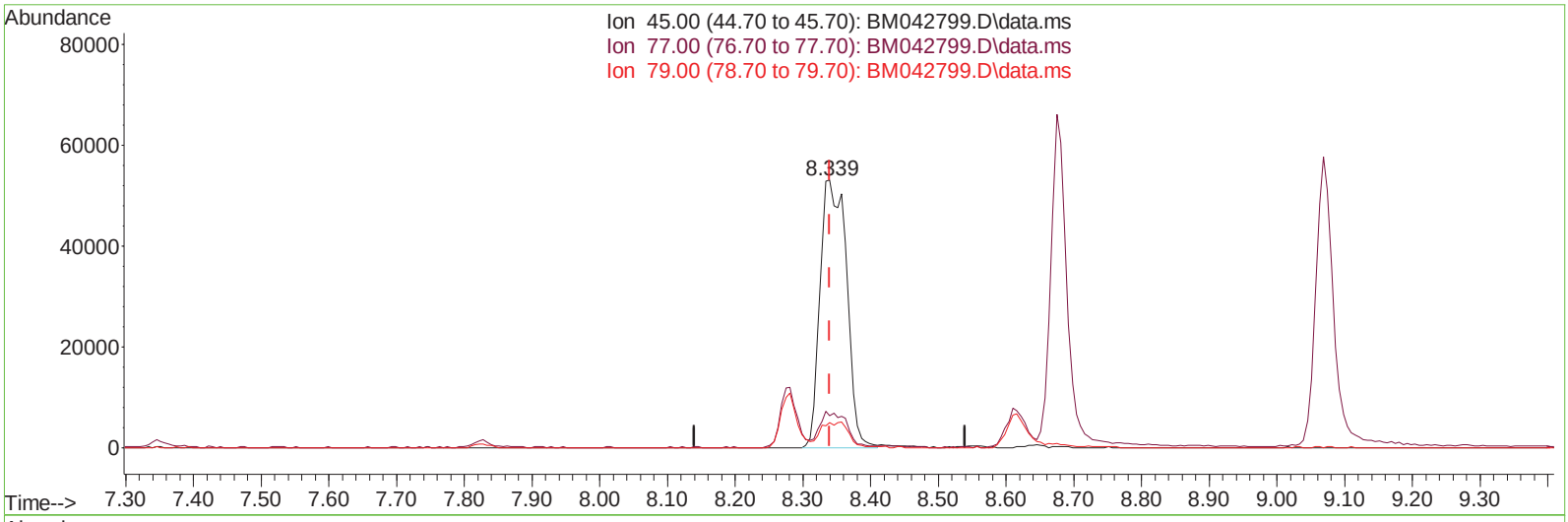

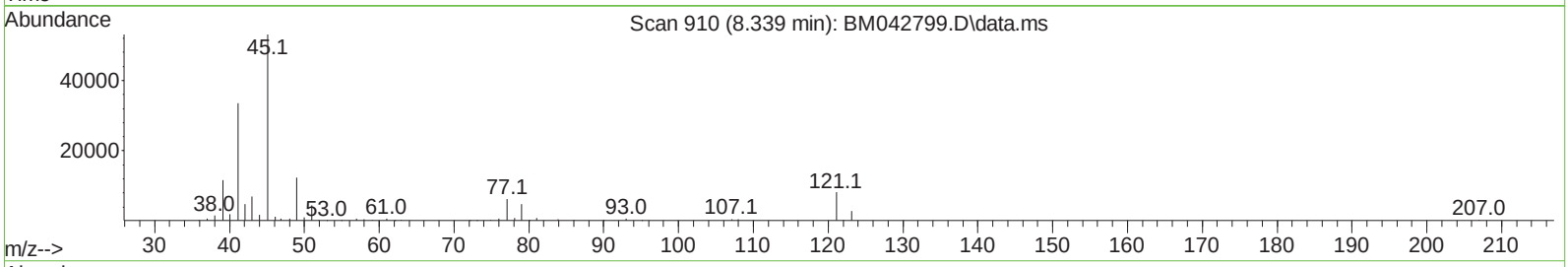

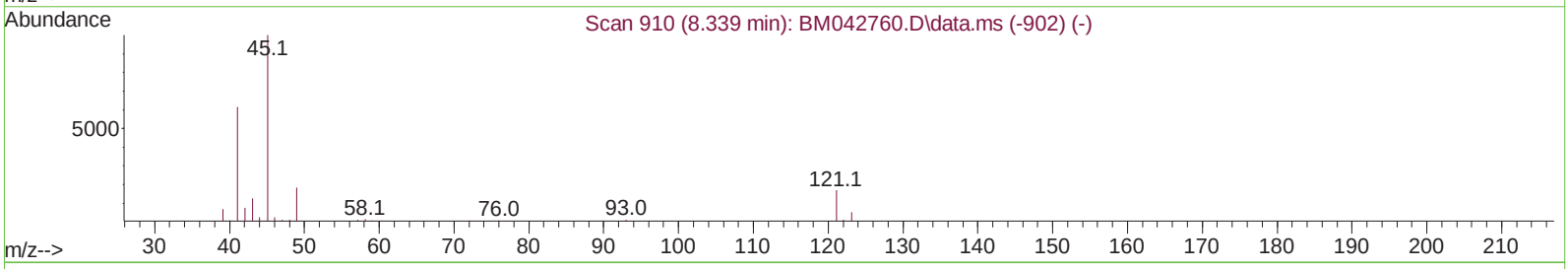

TIC: BM042799.D\data.ms

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

8.339min (-0.000) 32.44 ng/ul m

response 144328

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	11.84#
79.00	10.20	9.28
0.00	0.00	0.00

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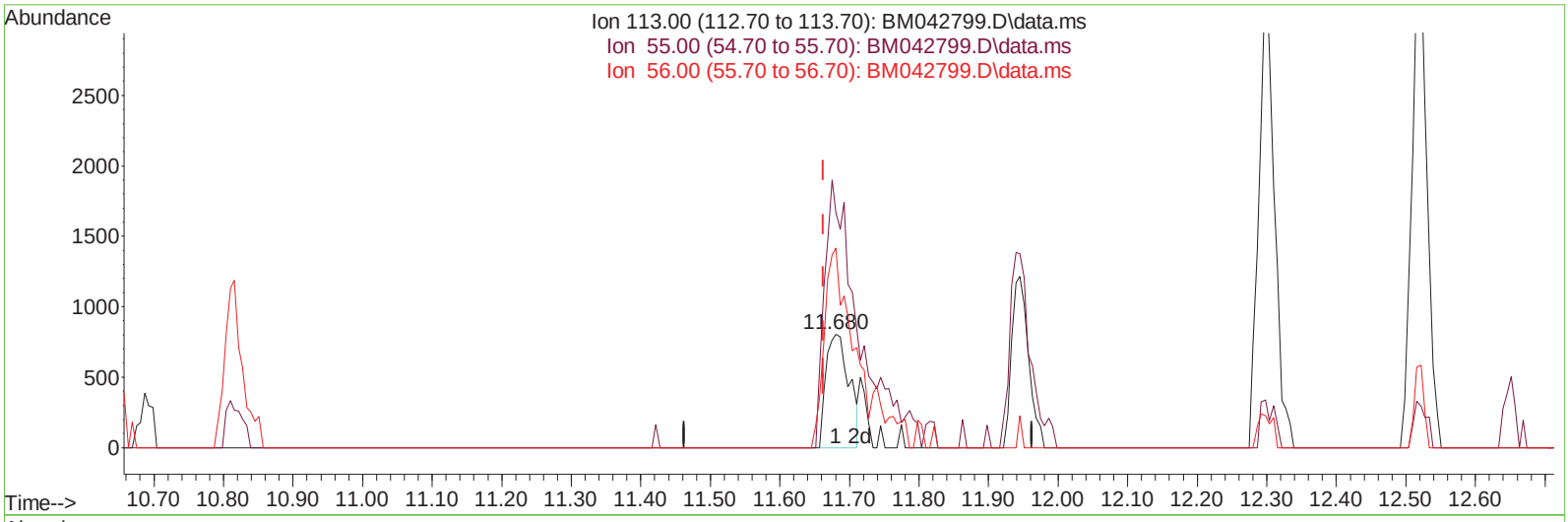

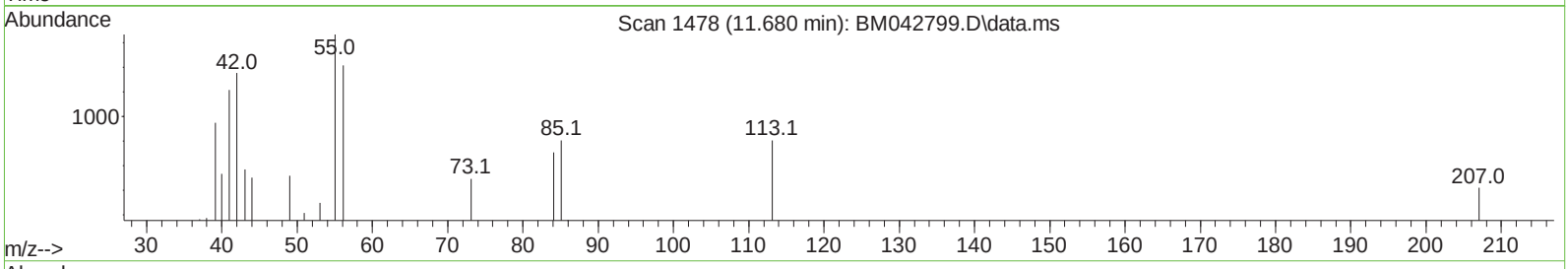

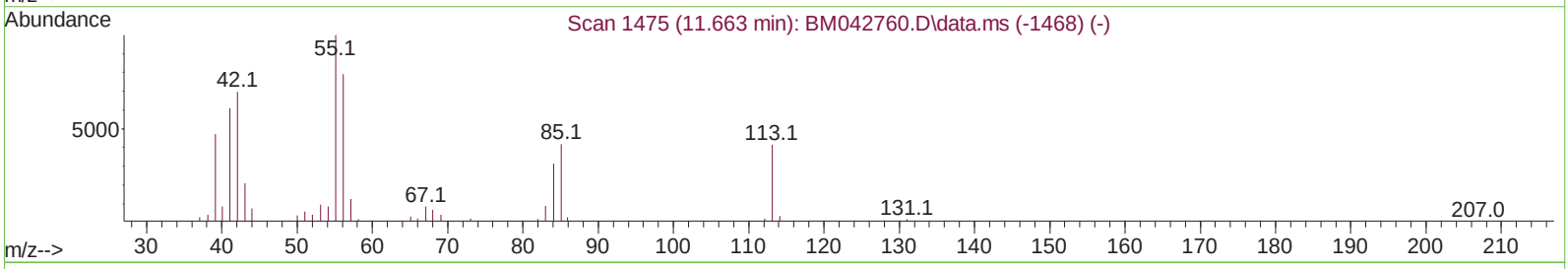

TIC: BM042799.D\data.ms

(34) Caprolactam

11.680min (+ 0.017) 2.76 ng/ul

response 1850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	206.96
56.00	167.90	175.90
0.00	0.00	0.00

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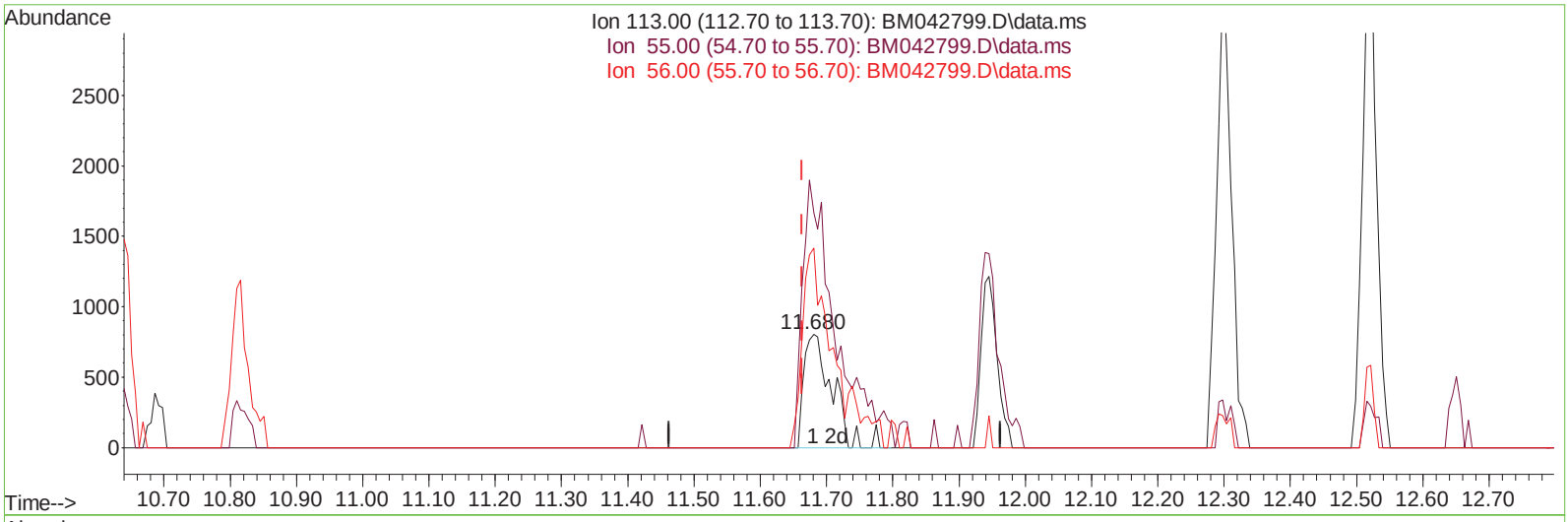

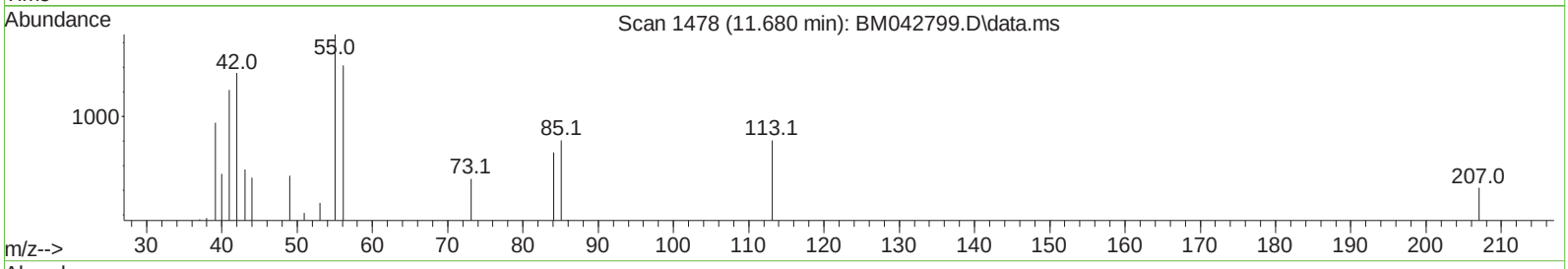

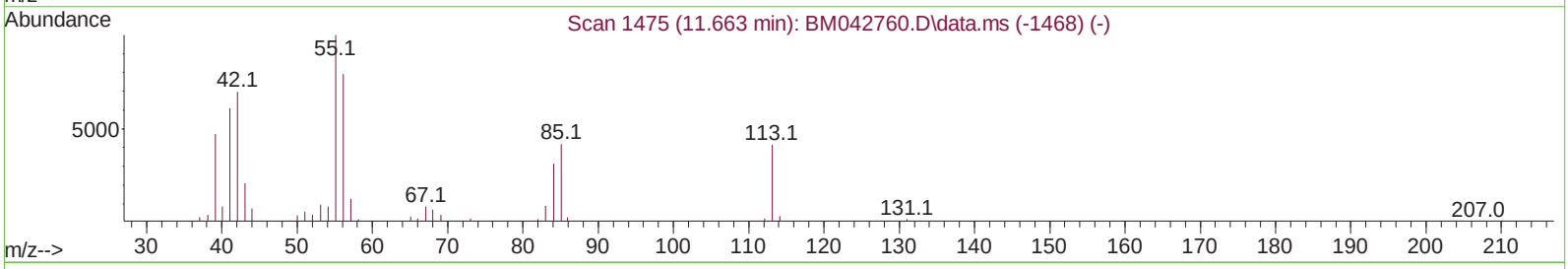

TIC: BM042799.D\data.ms

(34) Caprolactam

11.680min (+ 0.017) 3.48 ng/ul m

response 2335

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	206.96
56.00	167.90	175.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Nov 16 12:02:03 2023
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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	7.822	152	30562	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	125255	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	84042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	192905	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.415	240	248732	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	274382	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4208	4.320	ng/uL	0.00
4) Pyridine-d5	3.622	84	20642	8.520	ng/ul	0.00
7) Phenol-d5	6.992	99	14325	4.816	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	62910	30.099	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	44728	19.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	27294	11.654	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	28894	26.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	31235	24.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	59418	24.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	67879	22.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	234720	29.510	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	246211	28.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	2670	2.971	ng/ul	0.00
60) Fluorene-d10	15.474	176	199122	30.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	41627	28.488	ng/ul	0.00
73) Anthracene-d10	17.333	188	338986	31.356	ng/ul	0.00
81) Pyrene-d10	19.627	212	479358	29.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	535746	32.643	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	4698	4.529	ng/uL	95
5) Pyridine	3.640	79	25716	9.761	ng/ul#	89
6) Benzaldehyde	6.992	77	58753	34.428	ng/ul	96
8) Phenol	7.022	94	16279	5.502	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.269	93	72782	29.781	ng/ul	91
12) 2-Chlorophenol	7.381	128	48098	21.058	ng/ul#	88
13) 2-Methylphenol	8.281	108	34684	15.721	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.339	45	144328m	32.441	ng/ul	
16) Acetophenone	8.675	105	112027	28.447	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.639	70	72306	30.162	ng/ul	90
18) 4-Methylphenol	8.610	108	32948	13.736	ng/ul	98
19) Hexachloroethane	8.875	117	28434	22.335	ng/ul	85
22) Nitrobenzene	9.069	77	103891	31.301	ng/ul	96
23) Isophorone	9.575	82	198641	30.049	ng/ul	97
25) 2-Nitrophenol	9.769	139	35512	27.208	ng/ul	91
26) 2,4-Dimethylphenol	9.816	107	56513	20.237	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.063	93	101969	30.525	ng/ul	98
29) 2,4-Dichlorophenol	10.292	162	57879	25.592	ng/ul	97
30) Naphthalene	10.686	128	217583	27.728	ng/ul	99
32) 4-Chloroaniline	10.839	127	64947	22.321	ng/ul	99
33) Hexachlorobutadiene	10.910	225	50908	25.483	ng/ul	97
34) Caprolactam	11.680	113	2335m	3.482	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	58065	23.960	ng/ul	96

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Instrument :
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YCGA9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.298	142	154210	29.322	ng/ul	97
37) 1-Methylnaphthalene	12.522	142	154828	28.000	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.651	216	97327	29.529	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	30818	19.750	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	58894	29.253	ng/ul	96
42) 2,4,5-Trichlorophenol	12.986	196	60176	30.954	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	218872	31.228	ng/ul#	97
44) 2-Chloronaphthalene	13.363	162	171816	30.473	ng/ul	96
45) 2-Nitroaniline	13.616	65	68597	37.305	ng/ul	90
47) Dimethylphthalate	13.951	163	244635	31.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	45853	31.504	ng/ul	90
50) Acenaphthylene	14.210	152	303983	31.877	ng/ul	100
51) 3-Nitroaniline	14.445	138	34438	28.936	ng/ul	91
52) Acenaphthene	14.545	153	209219	32.441	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	19056	26.332	ng/ul	85
55) 4-Nitrophenol	14.774	109	13034	9.217	ng/ul#	22
56) Dibenzofuran	14.880	168	295078	32.965	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	72322	33.846	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.104	232	63906	31.668	ng/ul	98
59) Diethylphthalate	15.298	149	261926	32.242	ng/ul	99
61) Fluorene	15.527	166	262597	34.553	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.521	204	139244	33.997	ng/ul	98
63) 4-Nitroaniline	15.615	138	33508	30.882	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.639	198	45797	30.786	ng/ul	93
67) N-Nitrosodiphenylamine	15.751	169	196094	32.411	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	85320	33.228	ng/ul	88
69) Hexachlorobenzene	16.498	284	101509	32.338	ng/ul	98
70) Atrazine	16.704	200	76254	32.720	ng/ul	99
71) Pentachlorophenol	16.868	266	55460	30.682	ng/ul	97
72) Phenanthrene	17.274	178	420852	34.922	ng/ul	98
74) Anthracene	17.368	178	418952	34.562	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	101986	29.899	ng/uL	99
76) Pentachlorobenzene	14.774	250	114053	31.867	ng/uL	98
77) Carbazole	17.662	167	347085	34.676	ng/ul	99
78) Di-n-butylphthalate	18.180	149	516515	35.290	ng/ul	98
80) Fluoranthene	19.292	202	566852	30.523	ng/ul	98
82) Pyrene	19.662	202	616850	31.326	ng/ul	99
83) Butylbenzylphthalate	20.539	149	260596	30.984	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.350	252	193222	30.352	ng/ul	98
85) Benzo(a)anthracene	21.403	228	681005	34.878	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	418060	32.761	ng/ul	98
87) Chrysene	21.456	228	643497	33.982	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	725555	32.736	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	672105	35.893	ng/ul#	98
91) Benzo(k)fluoranthene	23.097	252	720646	36.153	ng/ul	99
93) Benzo(a)pyrene	23.674	252	644452	35.320	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.244	276	838958	36.997	ng/ul	97
95) Dibenzo(a,h)anthracene	26.256	278	695136	36.975	ng/ul	99
96) Benzo(g,h,i)perylene	27.009	276	648229	35.999	ng/ul	98

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

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