Quantitation Report (Qedit)

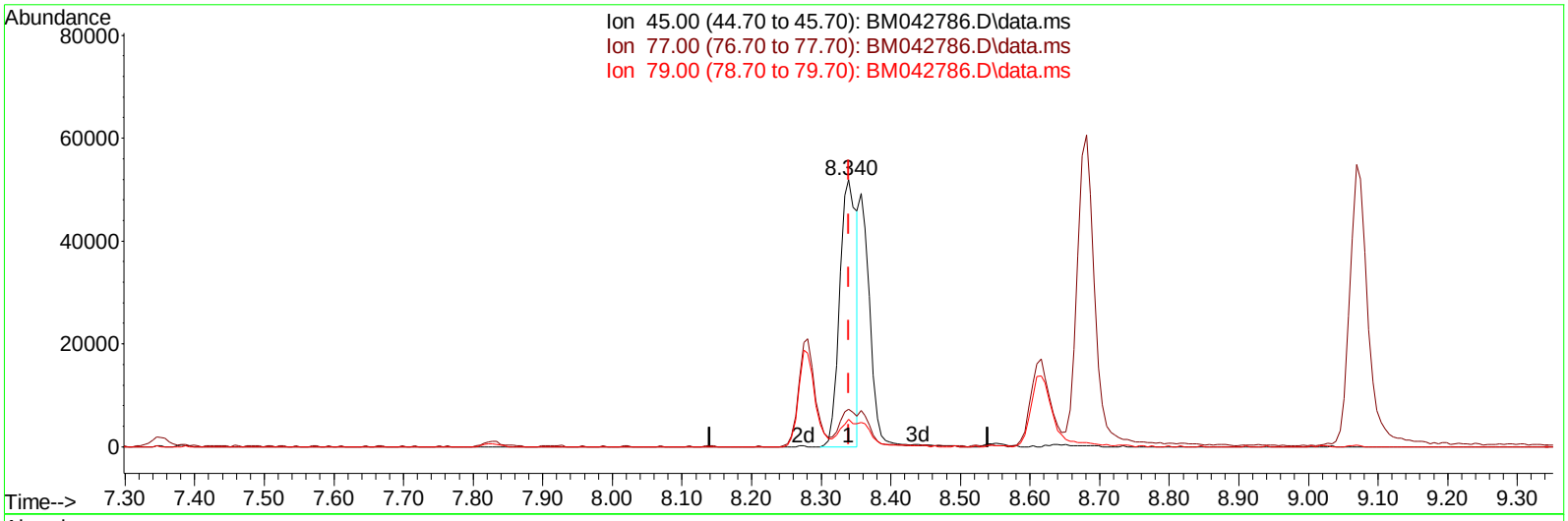
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042786.D
Acq On : 16 Nov 2023 01:42
Operator : MA/JU
Sample : PB156745BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

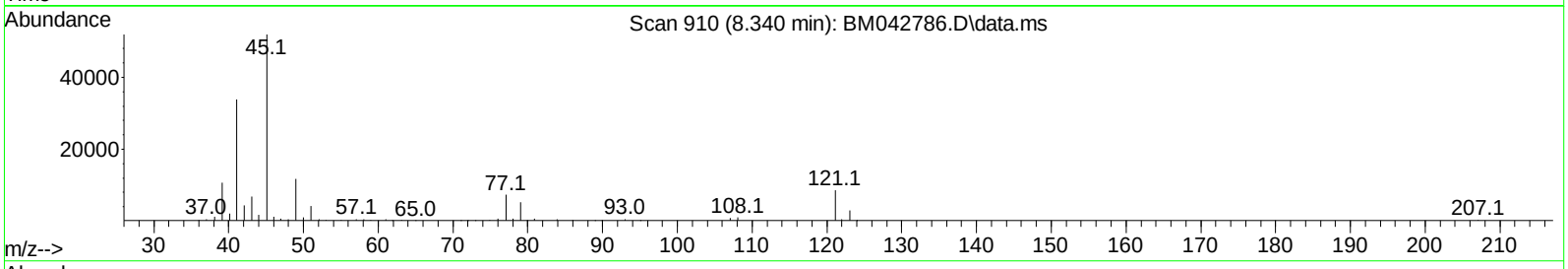
Quant Time: Nov 16 02:16:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

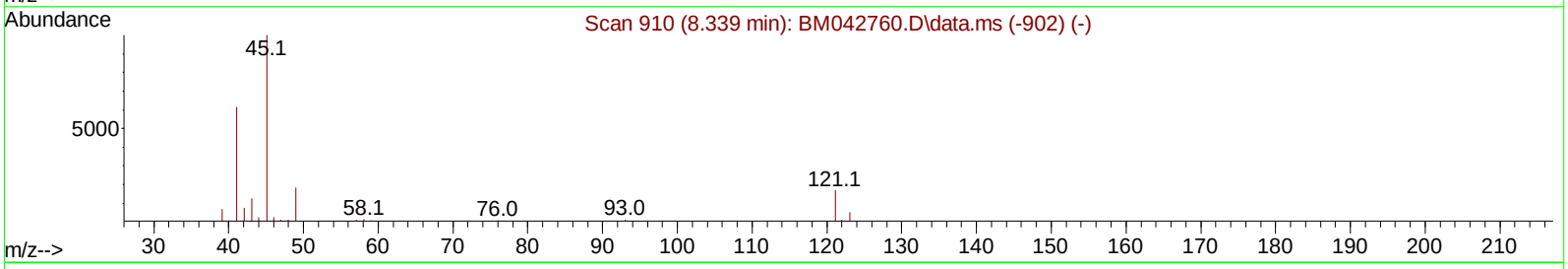
Instrument :
BNA_M
ClientSampleId :
SLCS745

Manual IntegrationsAPPROVED

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







TIC: BM042786.D\data.ms

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

8.340min (-0.000) 25.77 ng/ul

response 88221

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.08
79.00	10.20	10.23
0.00	0.00	0.00

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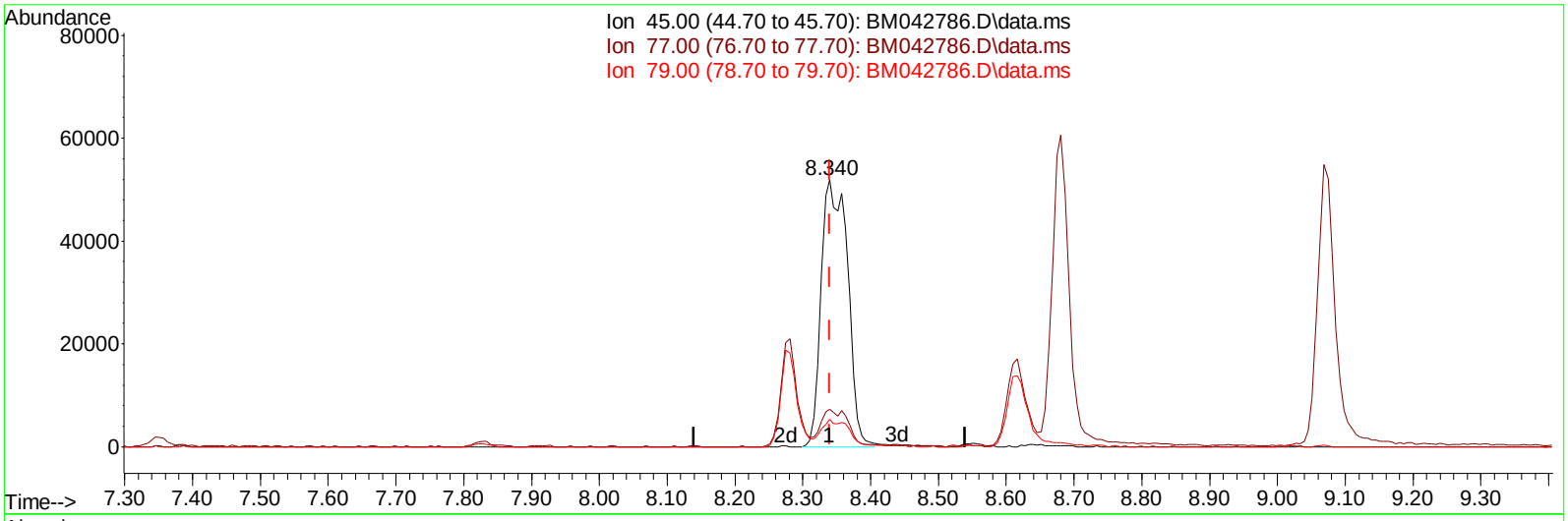

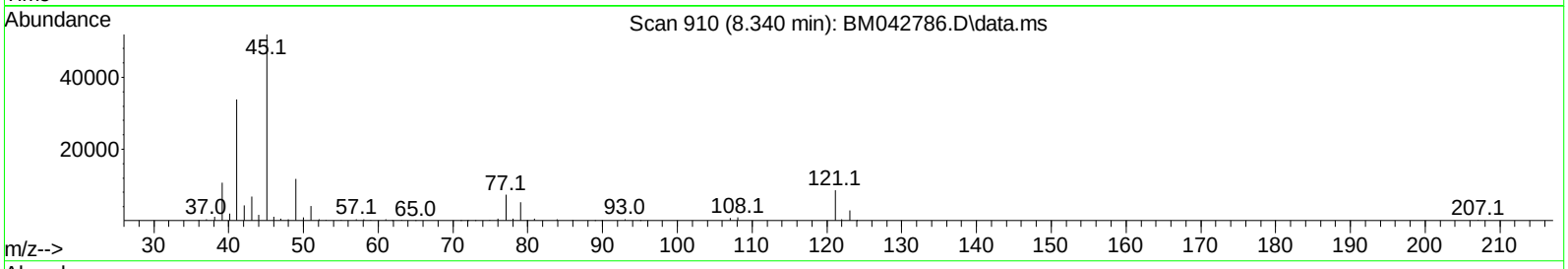

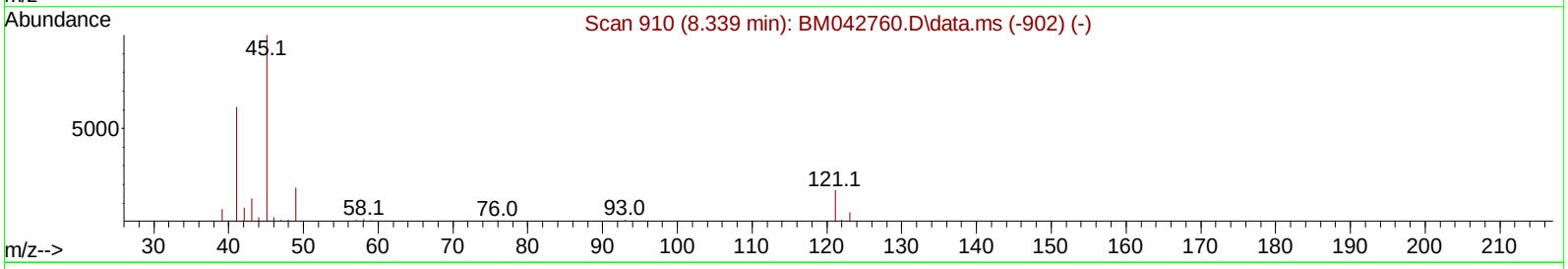

TIC: BM042786.D\data.ms

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

8.340min (-0.000) 40.74 ng/ul m

response 139492

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.08
79.00	10.20	10.23
0.00	0.00	0.00

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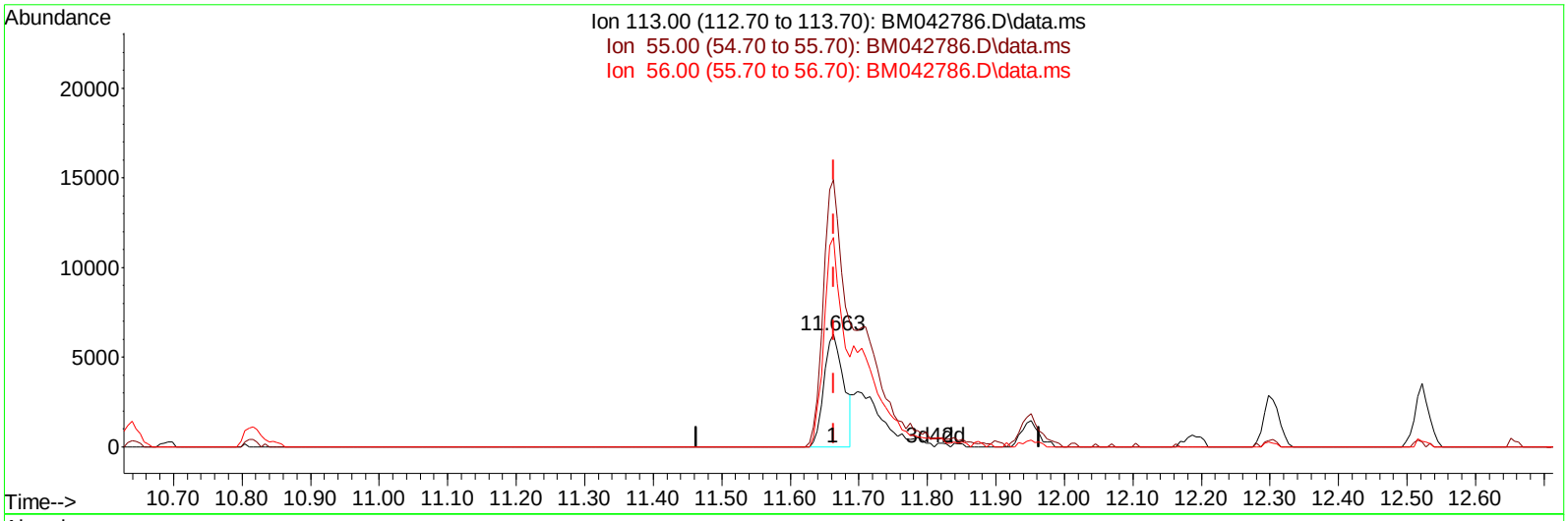

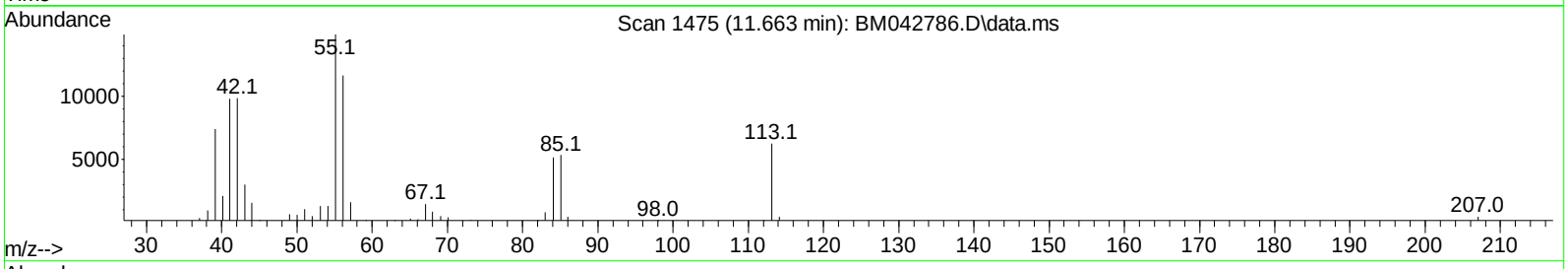

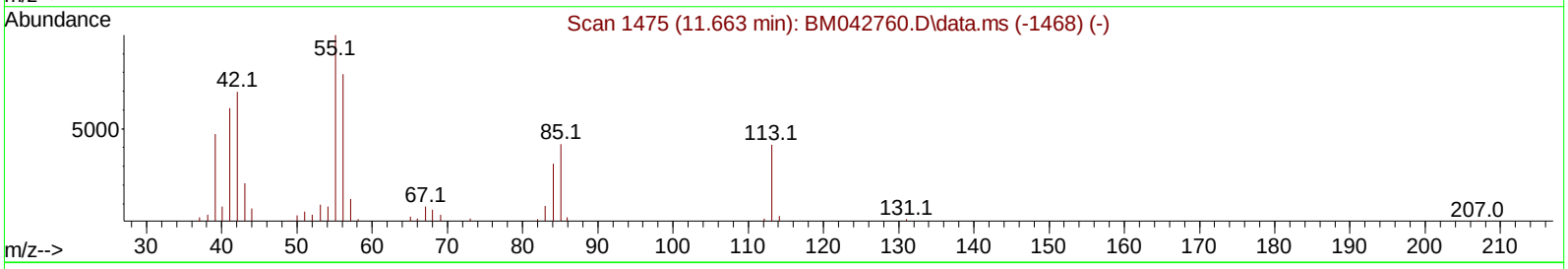

TIC: BM042786.D\data.ms

(34) Caprolactam

11.663min (-0.000) 22.61 ng/ul

response 12510

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	237.64
56.00	167.90	186.24
0.00	0.00	0.00

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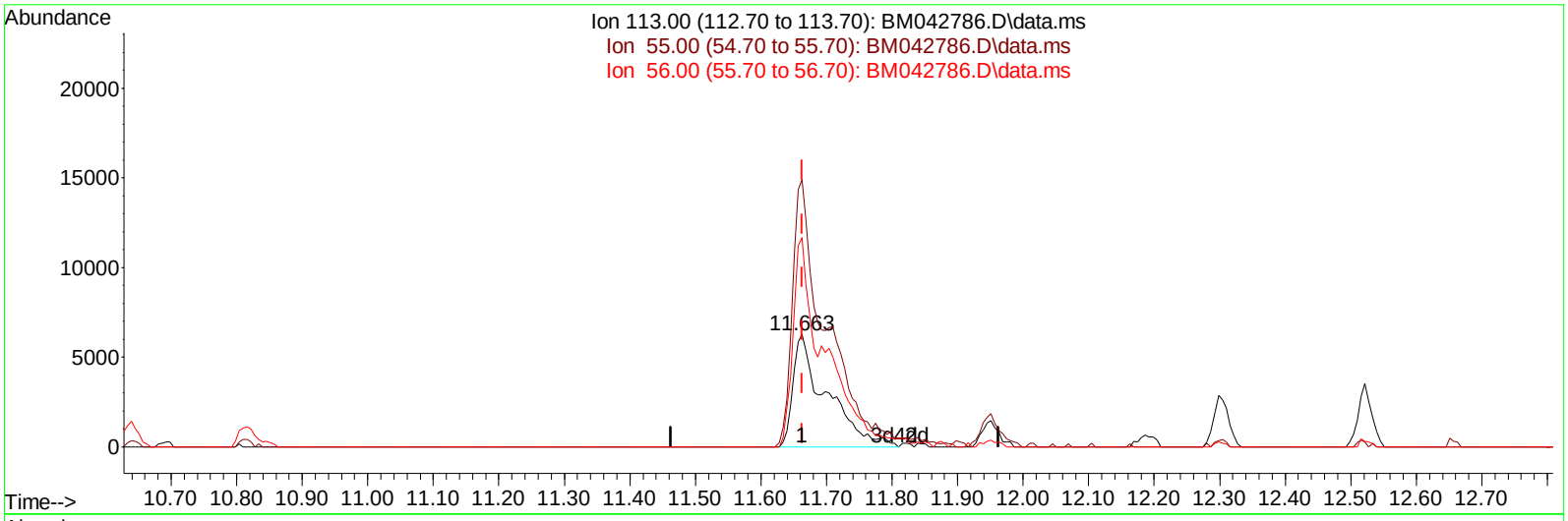

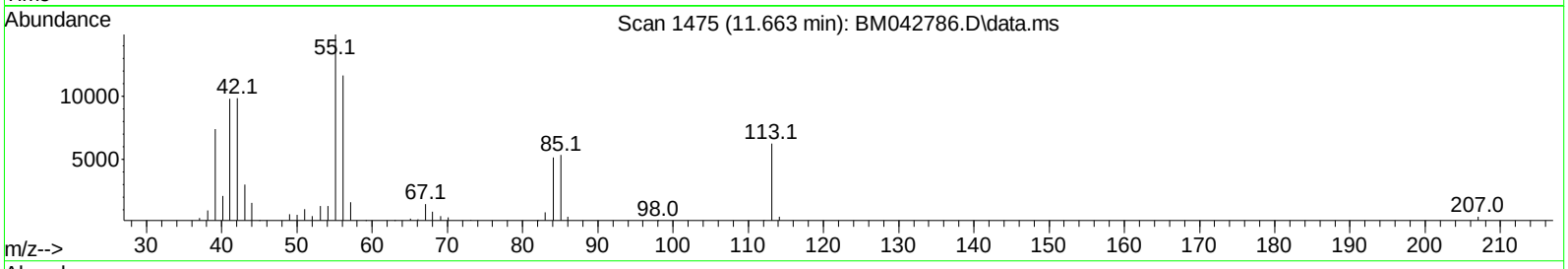

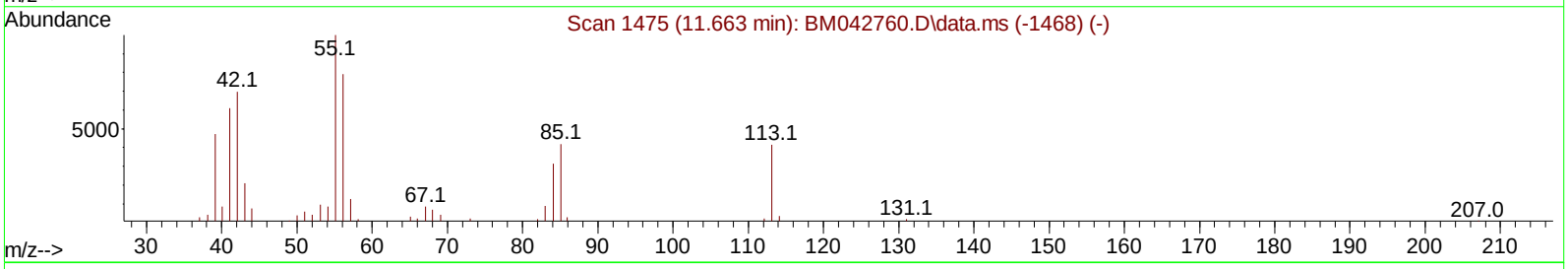

TIC: BM042786.D\data.ms

(34) Caprolactam

11.663min (-0.000) 39.91 ng/ul m

response 22080

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	237.64
56.00	167.90	186.24
0.00	0.00	0.00

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Quant Time: Nov 16 02:21:05 2023
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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	23519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	103342	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	70809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	162737	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	183029	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	204510	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5026	6.705	ng/uL	0.00
4) Pyridine-d5	3.616	84	63110	33.849	ng/ul	0.00
7) Phenol-d5	6.993	99	83953	36.677	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	62434	38.817	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	61582	34.867	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	63644	35.313	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	29651	32.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	32430	30.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	66601	33.794	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	74975	29.962	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	219451	32.746	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	237657	33.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	23332	30.816	ng/ul	0.00
60) Fluorene-d10	15.474	176	181002	32.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	38021	30.844	ng/ul	0.00
73) Anthracene-d10	17.333	188	286718	31.438	ng/ul	0.00
81) Pyrene-d10	19.633	212	392794	32.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	416936	34.083	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	10372	12.994	ng/uL#	84
5) Pyridine	3.634	79	71098	35.069	ng/ul	99
6) Benzaldehyde	6.993	77	53254	40.550	ng/ul	95
8) Phenol	7.022	94	87035	38.226	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.269	93	69226	36.808	ng/ul	91
12) 2-Chlorophenol	7.381	128	64319	36.592	ng/ul#	89
13) 2-Methylphenol	8.275	108	60214	35.465	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	139492m	40.743	ng/ul	
16) Acetophenone	8.681	105	108271	35.727	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.645	70	69613	37.734	ng/ul	89
18) 4-Methylphenol	8.616	108	68662	37.196	ng/ul	99
19) Hexachloroethane	8.881	117	34481	35.196	ng/ul	94
22) Nitrobenzene	9.069	77	100031	36.529	ng/ul	97
23) Isophorone	9.575	82	189570	34.758	ng/ul	96
25) 2-Nitrophenol	9.769	139	33580	31.183	ng/ul	93
26) 2,4-Dimethylphenol	9.816	107	64099	27.820	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.069	93	97483	35.370	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	64550	34.594	ng/ul	97
30) Naphthalene	10.692	128	212631	32.843	ng/ul	99
32) 4-Chloroaniline	10.839	127	68956	28.724	ng/ul	100
33) Hexachlorobutadiene	10.910	225	52864	32.073	ng/ul	98
34) Caprolactam	11.663	113	22080m	39.909	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	71220	35.620	ng/ul	98

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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	12.304	142	145735	33.586	ng/ul	95
37) 1-Methylnaphthalene	12.522	142	147972	32.435	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	93462	33.655	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	29906	22.747	ng/ul	95
41) 2,4,6-Trichlorophenol	12.916	196	58001	34.193	ng/ul	94
42) 2,4,5-Trichlorophenol	12.992	196	59117	36.093	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	201337	34.095	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	160734	33.835	ng/ul	98
45) 2-Nitroaniline	13.616	65	61848	39.920	ng/ul	97
47) Dimethylphthalate	13.951	163	223003	34.164	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	40712	33.199	ng/ul	84
50) Acenaphthylene	14.210	152	277347	34.519	ng/ul	100
51) 3-Nitroaniline	14.451	138	31367	31.281	ng/ul#	93
52) Acenaphthene	14.545	153	187361	34.481	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	17871	29.309	ng/ul#	83
55) 4-Nitrophenol	14.751	109	40914	34.339	ng/ul	94
56) Dibenzofuran	14.886	168	261782	34.710	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	63926	35.508	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	59568	35.035	ng/ul#	98
59) Diethylphthalate	15.304	149	233363	34.094	ng/ul	100
61) Fluorene	15.533	166	224751	35.100	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	121934	35.335	ng/ul	97
63) 4-Nitroaniline	15.616	138	32100	35.113	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	41638	33.178	ng/ul#	89
67) N-Nitrosodiphenylamine	15.751	169	171145	33.531	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	72225	33.342	ng/ul	92
69) Hexachlorobenzene	16.504	284	88611	33.462	ng/ul	99
70) Atrazine	16.704	200	68798	34.993	ng/ul	96
71) Pentachlorophenol	16.868	266	48595	31.868	ng/ul	98
72) Phenanthrene	17.280	178	352342	34.657	ng/ul	99
74) Anthracene	17.368	178	349340	34.162	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	95054	33.033	ng/uL	100
76) Pentachlorobenzene	14.774	250	103487	34.275	ng/uL	99
77) Carbazole	17.662	167	283417	33.565	ng/ul	100
78) Di-n-butylphthalate	18.180	149	413323	33.474	ng/ul	99
80) Fluoranthene	19.292	202	459347	33.613	ng/ul	97
82) Pyrene	19.662	202	489802	33.803	ng/ul	99
83) Butylbenzylphthalate	20.545	149	191356	30.919	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.350	252	140521	29.998	ng/ul	99
85) Benzo(a)anthracene	21.403	228	505538	35.186	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	293365	31.242	ng/ul	100
87) Chrysene	21.456	228	484189	34.748	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	521452	31.565	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	501441	35.928	ng/ul#	98
91) Benzo(k)fluoranthene	23.097	252	530584	35.713	ng/ul#	98
93) Benzo(a)pyrene	23.674	252	489739	36.011	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.244	276	617919	36.559	ng/ul	97
95) Dibenzo(a,h)anthracene	26.256	278	511729	36.519	ng/ul	97
96) Benzo(g,h,i)perylene	27.015	276	476180	35.479	ng/ul	98

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

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