Quantitation Report (Qedit)

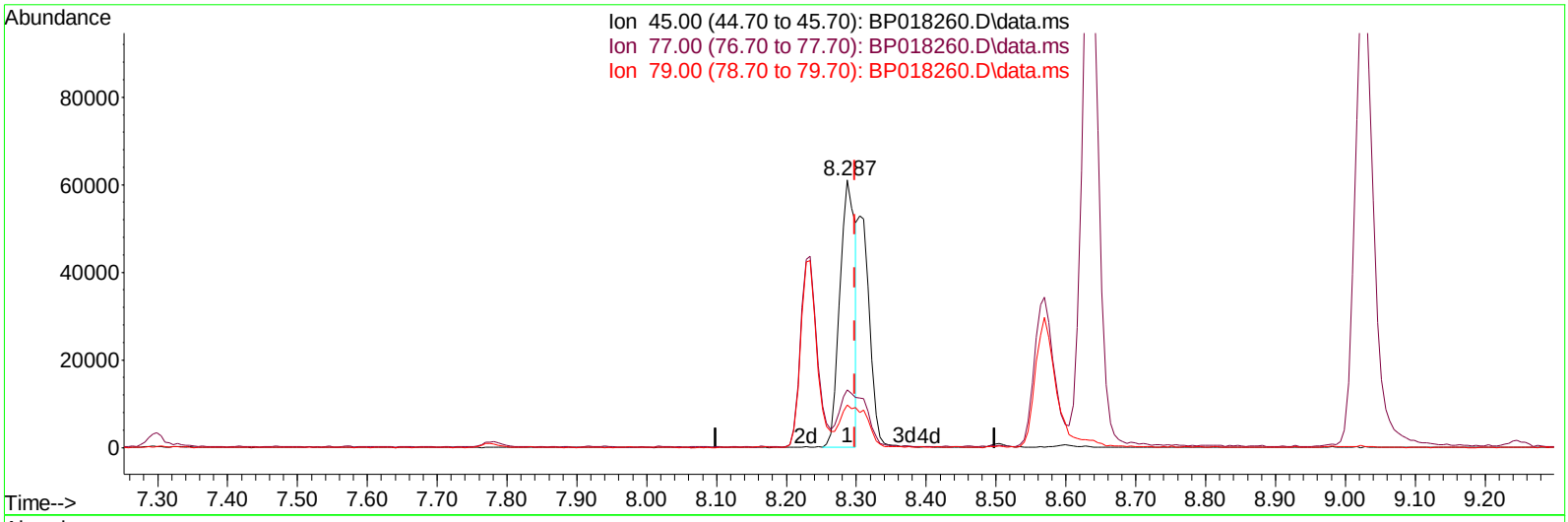
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018260.D
Acq On : 18 Nov 2023 14:22
Operator : MA/JU
Sample : PB157221BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

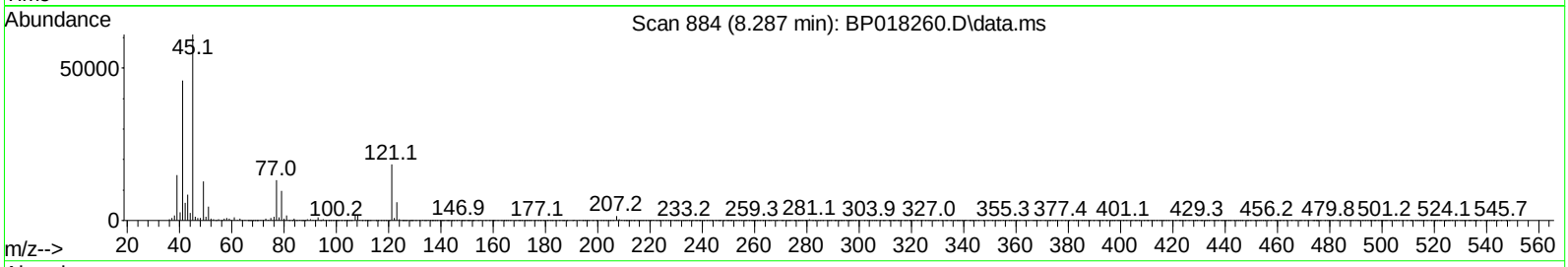
Quant Time: Nov 19 00:53:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

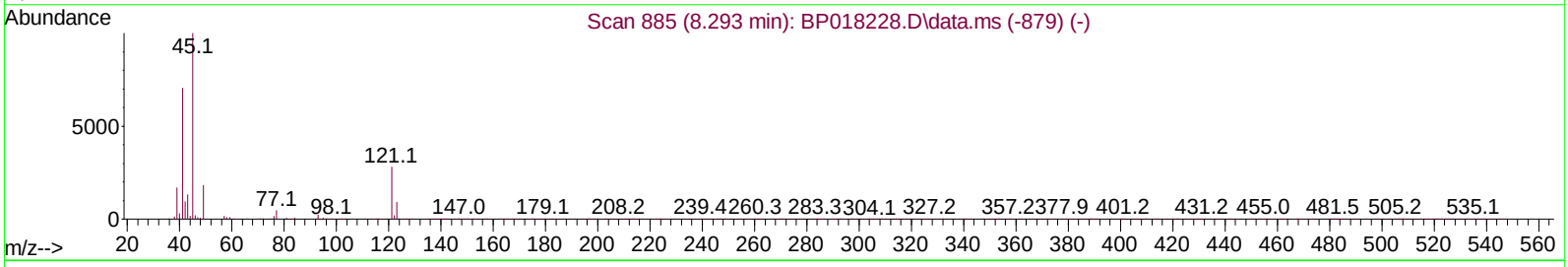
Instrument :
BNA_P
ClientSampleId :
SLCS221

Manual IntegrationsAPPROVED

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







TIC: BP018260.D\data.ms

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

8.287min (-0.012) 24.61 ng/ul

response 93597

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.62
79.00	13.90	15.91
0.00	0.00	0.00

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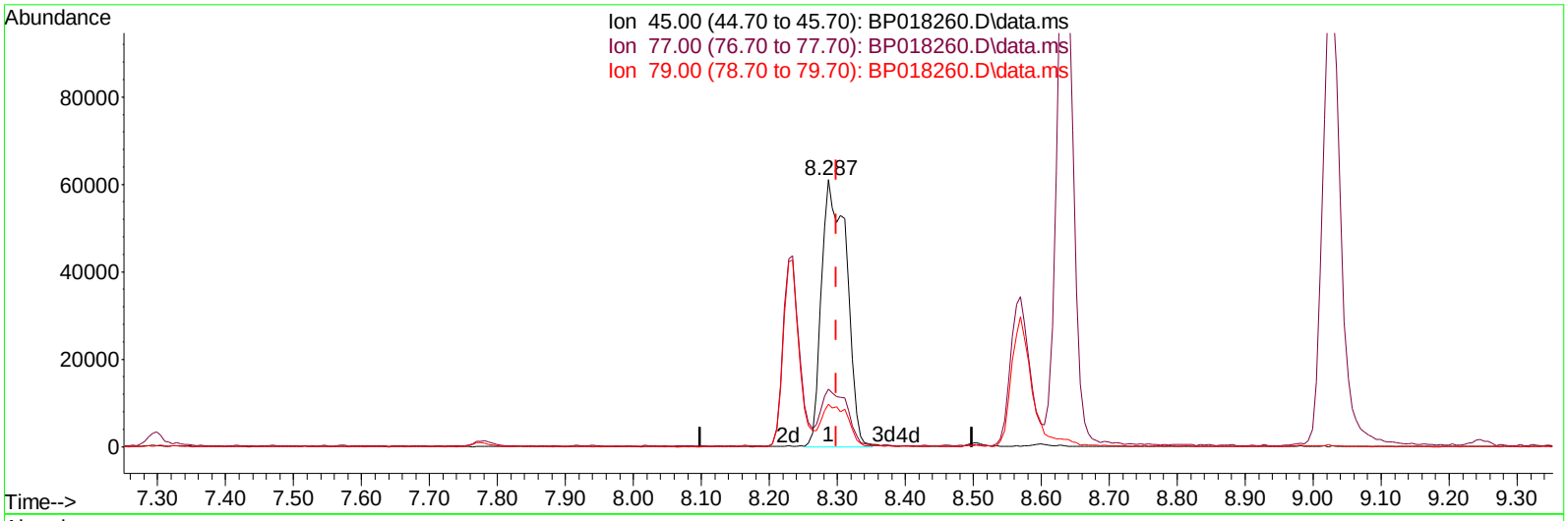

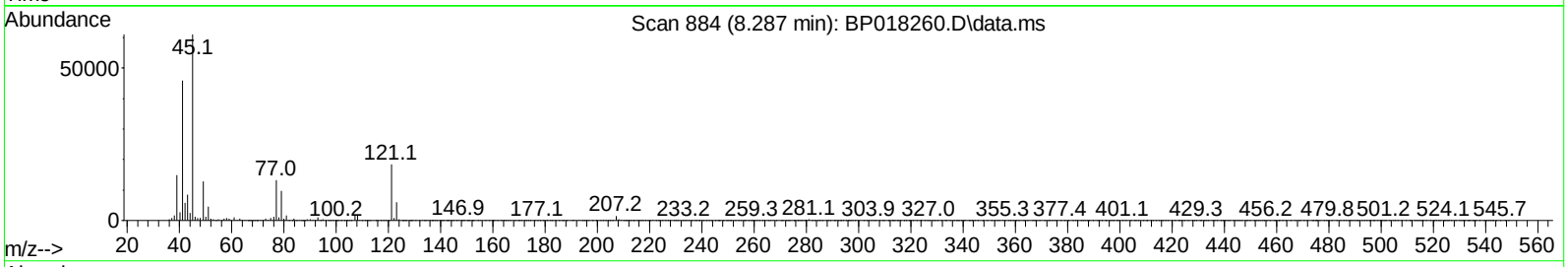

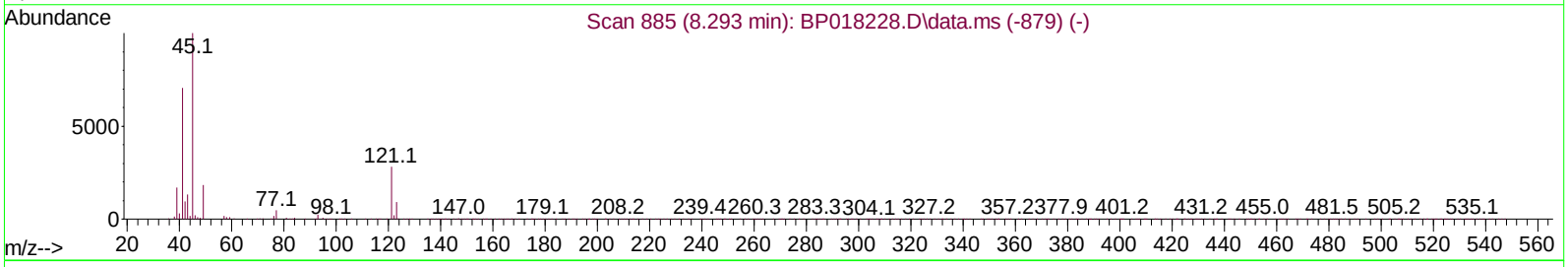

TIC: BP018260.D\data.ms

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

8.287min (-0.012) 40.87 ng/ul m

response 155470

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.62
79.00	13.90	15.91
0.00	0.00	0.00

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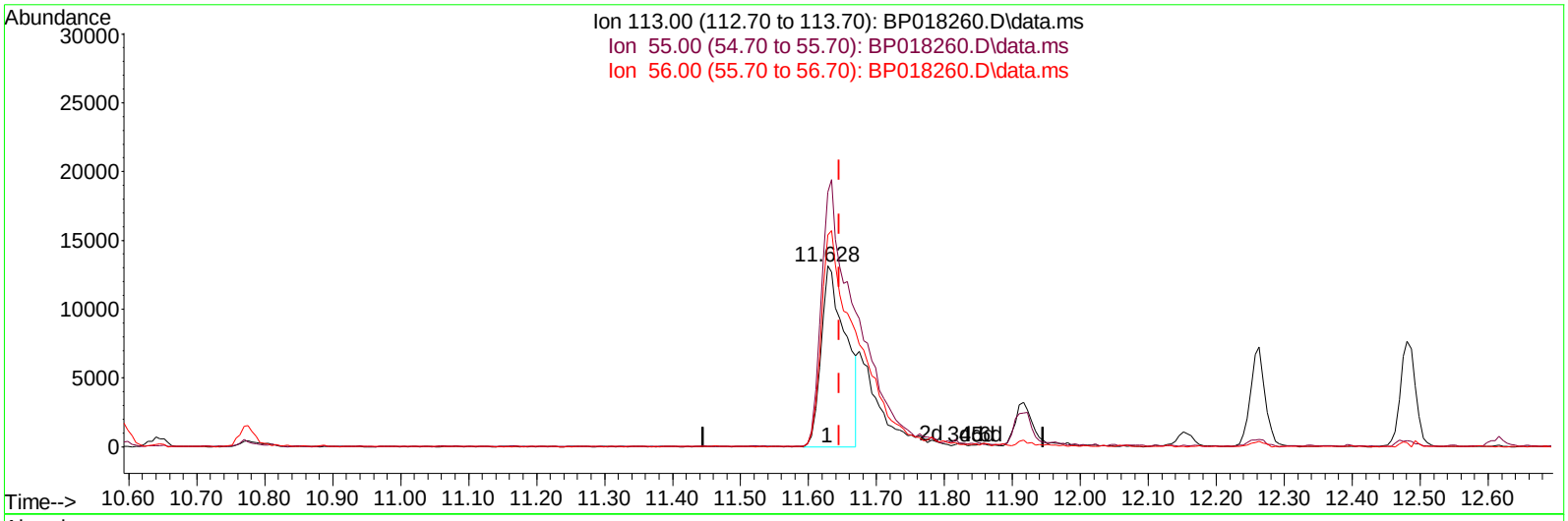

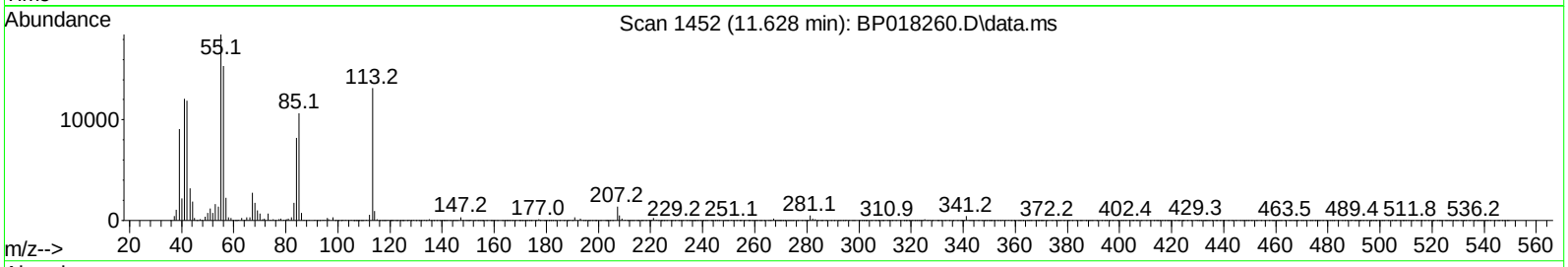

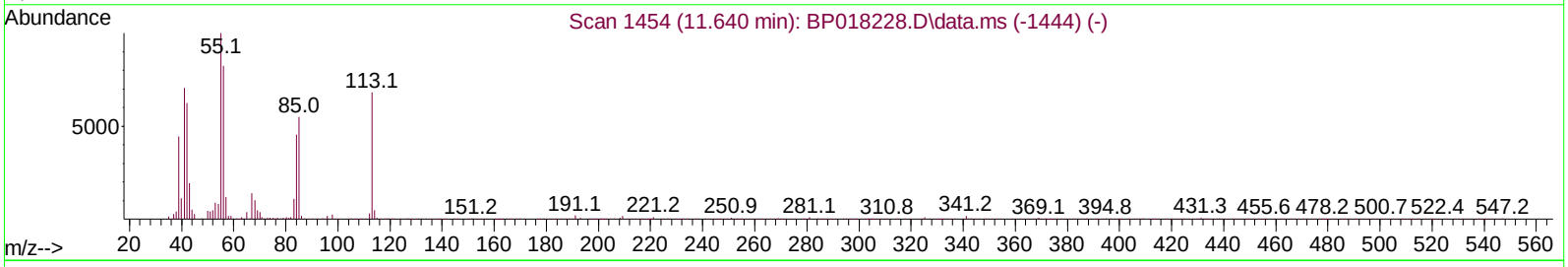

TIC: BP018260.D\data.ms

(34) Caprolactam

11.628min (-0.018) 30.64 ng/ul

response 33284

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	140.67
56.00	119.50	117.00
0.00	0.00	0.00

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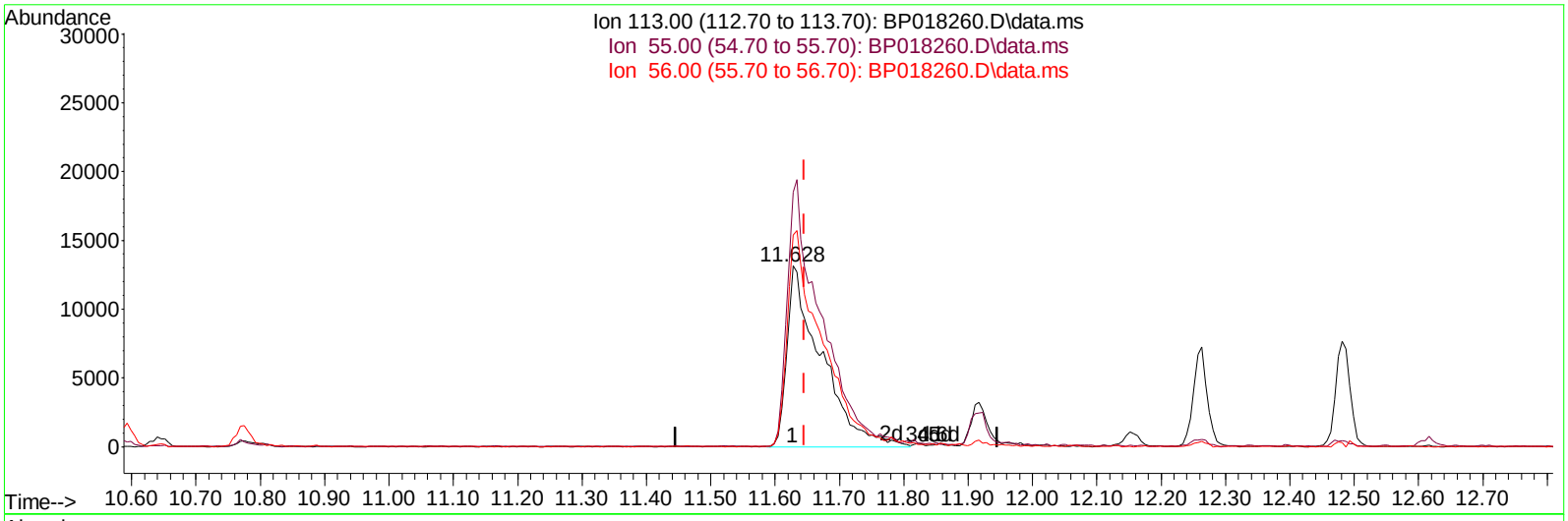

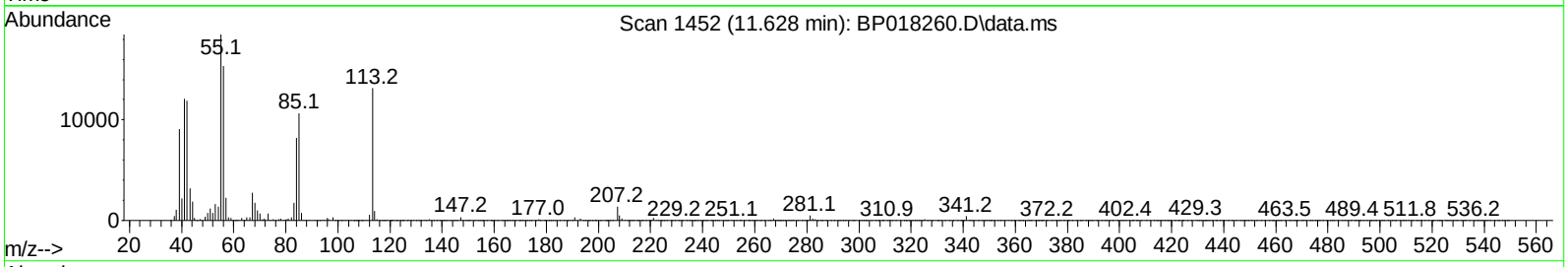

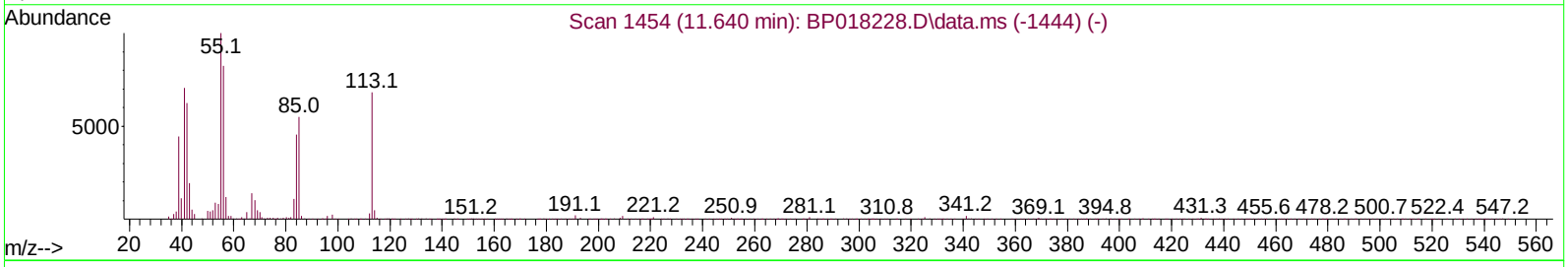

TIC: BP018260.D\data.ms

(34) Caprolactam

11.628min (-0.018) 44.93 ng/ul m

response 48807

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	140.67
56.00	119.50	117.00
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	7.781	152	45086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	188249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	136696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	318891	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	328727	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	342931	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	8926	6.984	ng/uL	0.00
4) Pyridine-d5	3.587	84	117347	35.214	ng/ul	0.00
7) Phenol-d5	6.946	99	152485	35.032	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	92382	36.115	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	127421	36.967	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	127006	35.608	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	61286	36.135	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.693	143	71926	37.434	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	130426	38.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	164962	35.126	ng/ul	-0.01
46) Dimethylphthalate-d6	13.881	166	468645	37.157	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	494737	36.014	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	66361	35.210	ng/ul	-0.01
60) Fluorene-d10	15.463	176	404476	38.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	89503	38.824	ng/ul	0.00
73) Anthracene-d10	17.339	188	647889	37.566	ng/ul	0.00
81) Pyrene-d10	19.604	212	813847	37.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	803422	40.291	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	21724	15.576	ng/uL	96
5) Pyridine	3.605	79	124395	36.169	ng/ul	98
6) Benzaldehyde	6.946	77	96043	40.971	ng/ul	97
8) Phenol	6.975	94	170356	39.674	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	136514	40.980	ng/ul	96
12) 2-Chlorophenol	7.328	128	143837	41.561	ng/ul	96
13) 2-Methylphenol	8.228	108	132630	40.880	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.287	45	155470m	40.873	ng/ul	
16) Acetophenone	8.634	105	229854	40.542	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	125390	40.509	ng/ul	94
18) 4-Methylphenol	8.569	108	143120	40.450	ng/ul	98
19) Hexachloroethane	8.822	117	71051	42.909	ng/ul	91
22) Nitrobenzene	9.028	77	200561	43.795	ng/ul	96
23) Isophorone	9.528	82	345747	41.375	ng/ul	99
25) 2-Nitrophenol	9.728	139	83389	42.234	ng/ul	95
26) 2,4-Dimethylphenol	9.769	107	139368	33.182	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	192313	42.203	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	140260	42.890	ng/ul	95
30) Naphthalene	10.640	128	475714	41.554	ng/ul	99
32) 4-Chloroaniline	10.799	127	160285	35.631	ng/ul	98
33) Hexachlorobutadiene	10.857	225	105031	43.750	ng/ul	97
34) Caprolactam	11.628	113	48807m	44.927	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	173805	44.177	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	332035	42.246 ng/ul	99
37) 1-Methylnaphthalene	12.481	142	333627	41.308 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	182168	39.449 ng/ul#	97
40) Hexachlorocyclopentadiene	12.551	237	68395	30.684 ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	115981	38.286 ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	125897	39.489 ng/ul	95
43) 1,1'-Biphenyl	13.287	154	453227	38.992 ng/ul	100
44) 2-Chloronaphthalene	13.334	162	362305	39.260 ng/ul	99
45) 2-Nitroaniline	13.593	65	128852	43.268 ng/ul	95
47) Dimethylphthalate	13.928	163	528558	42.721 ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	106363	43.252 ng/ul	96
50) Acenaphthylene	14.187	152	639802	41.252 ng/ul	100
51) 3-Nitroaniline	14.434	138	98707	43.256 ng/ul	96
52) Acenaphthene	14.522	153	428204	41.636 ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	48390	36.070 ng/ul	94
55) 4-Nitrophenol	14.734	109	115737	46.262 ng/ul	89
56) Dibenzofuran	14.863	168	608427	43.170 ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	170083	46.292 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	122803	43.300 ng/ul#	100
59) Diethylphthalate	15.287	149	591722	45.778 ng/ul	99
61) Fluorene	15.516	166	525699	43.934 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	272914	46.543 ng/ul	100
63) 4-Nitroaniline	15.610	138	101621	47.192 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.634	198	104004	43.477 ng/ul#	90
67) N-Nitrosodiphenylamine	15.740	169	443117	43.328 ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	162368	45.176 ng/ul	97
69) Hexachlorobenzene	16.498	284	190228	47.432 ng/ul	95
70) Atrazine	16.704	200	136459	38.251 ng/ul	99
71) Pentachlorophenol	16.875	266	81262	33.380 ng/ul	99
72) Phenanthrene	17.287	178	864289	44.142 ng/ul	100
74) Anthracene	17.375	178	870704	43.576 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	181398	37.250 ng/uL	98
76) Pentachlorobenzene	14.751	250	206835	43.387 ng/uL	96
77) Carbazole	17.675	167	804650	46.374 ng/ul	99
78) Di-n-butylphthalate	18.186	149	1073258	48.750 ng/ul	99
80) Fluoranthene	19.269	202	1083820	42.265 ng/ul	99
82) Pyrene	19.633	202	1152652	42.895 ng/ul	97
83) Butylbenzylphthalate	20.504	149	488717	43.247 ng/ul#	98
84) 3,3'-Dichlorobenzidine	21.310	252	362602	46.169 ng/ul	97
85) Benzo(a)anthracene	21.363	228	1182674	44.555 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	748657	48.051 ng/ul	99
87) Chrysene	21.416	228	1096327	44.148 ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1289823	50.293 ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1134638	46.491 ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1141267	46.479 ng/ul	100
93) Benzo(a)pyrene	23.745	252	1066626	46.279 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1256571	45.457 ng/ul	99
95) Dibenzo(a,h)anthracene	26.510	278	1051337	46.191 ng/ul	99
96) Benzo(g,h,i)perylene	27.310	276	1012223	45.782 ng/ul	96

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

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