Quantitation Report (Qedit)

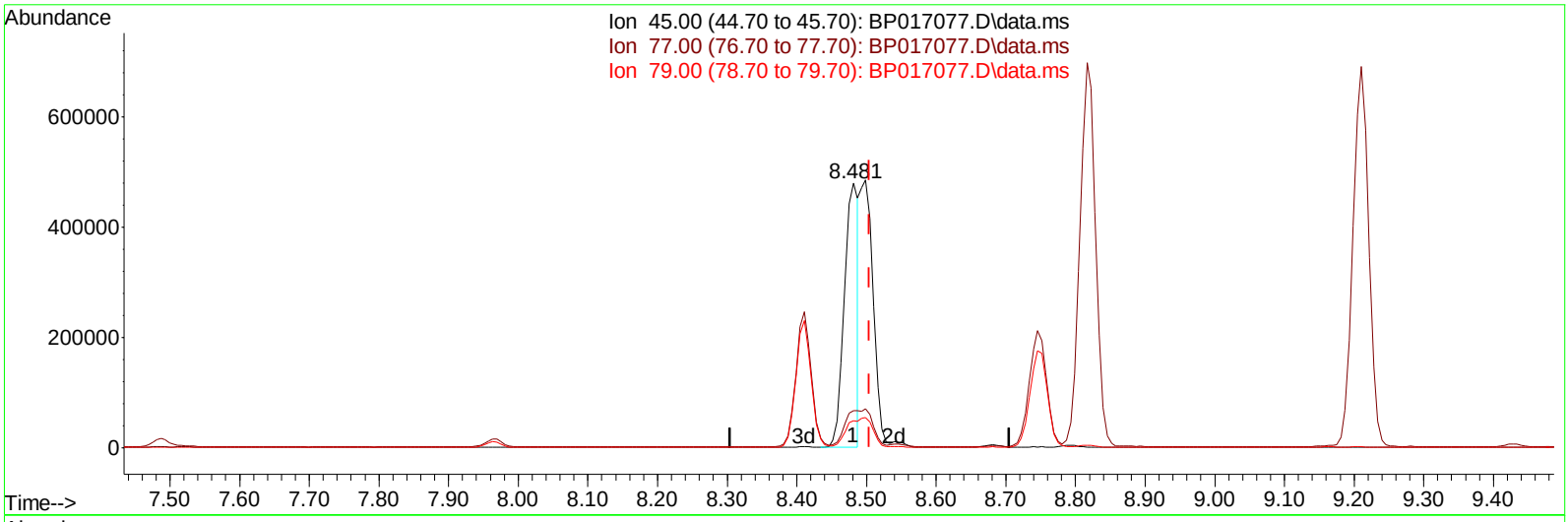
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017077.D
Acq On : 10 Sep 2023 07:17
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 71 Sample Multiplier: 1

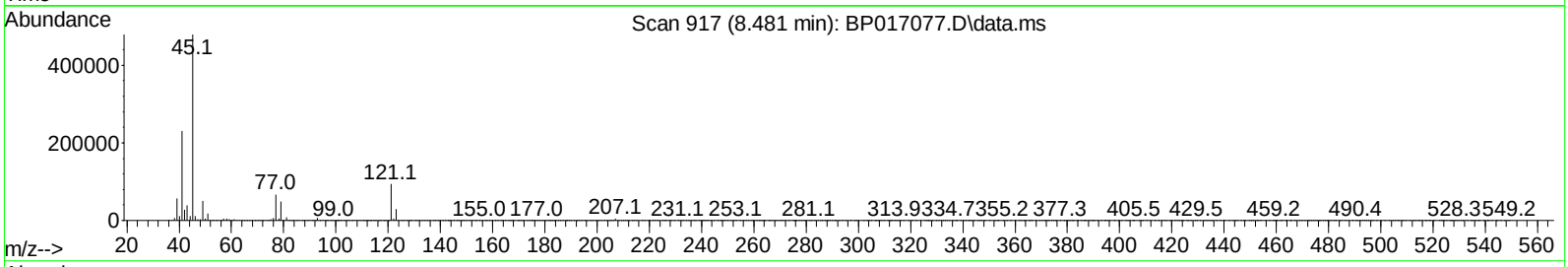
Quant Time: Sep 11 00:32:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

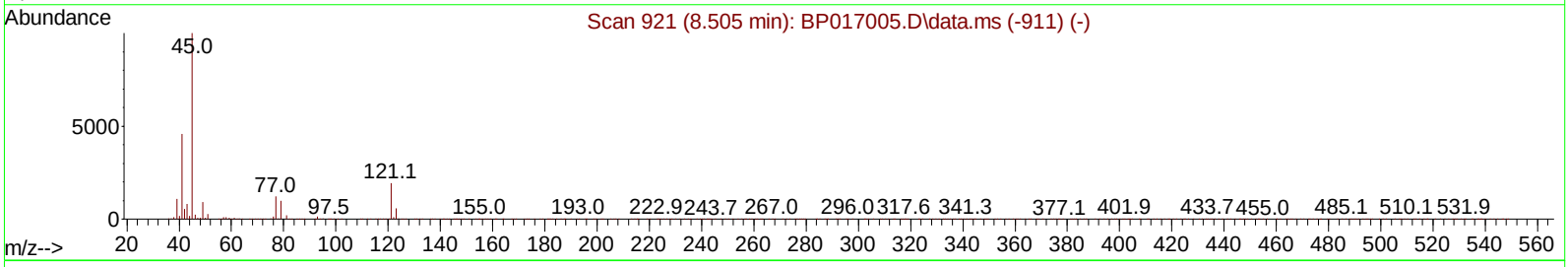
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023







TIC: BP017077.D\data.ms

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

8.481min (-0.024) 11.58 ng/ul

response 669712

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.00
79.00	11.20	10.06
0.00	0.00	0.00

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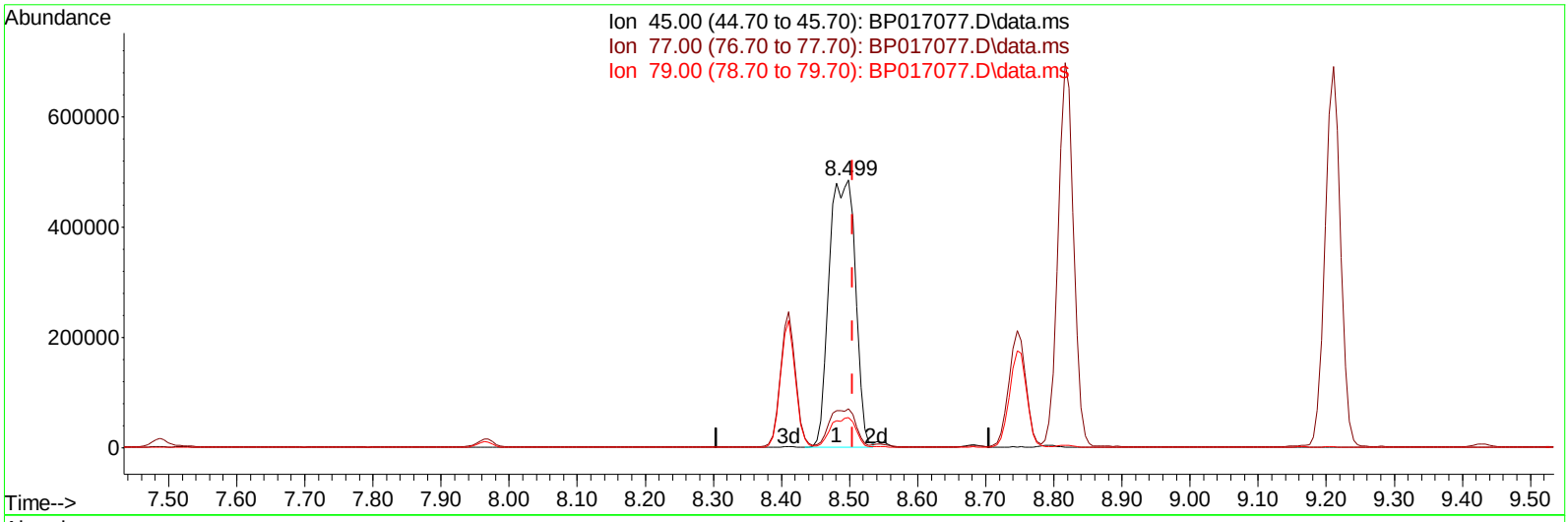

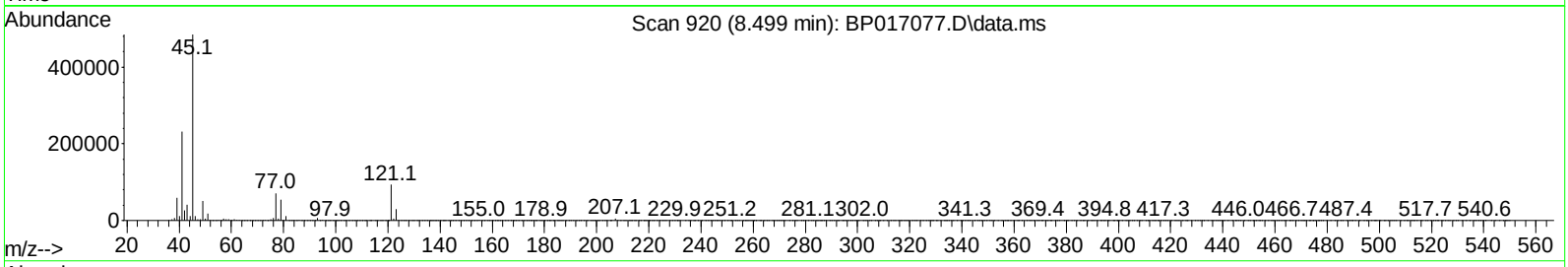

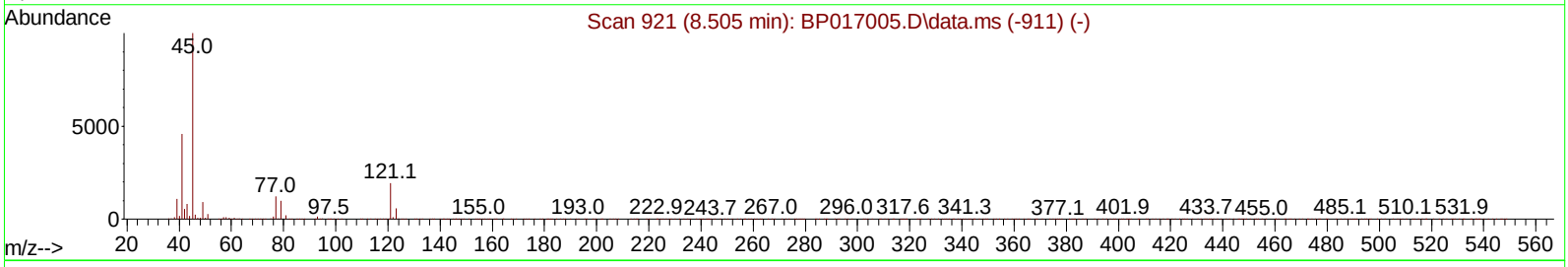

TIC: BP017077.D\data.ms

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

8.499min (-0.006) 22.51 ng/ul m

response 1301852

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.58
79.00	11.20	11.33
0.00	0.00	0.00

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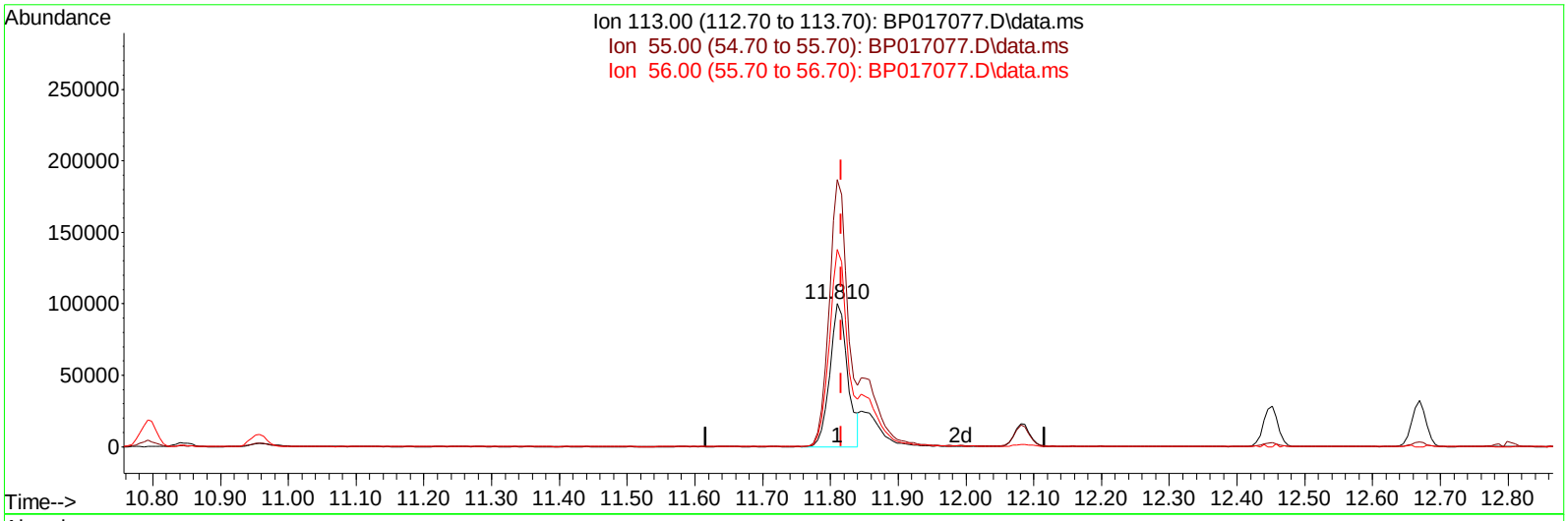

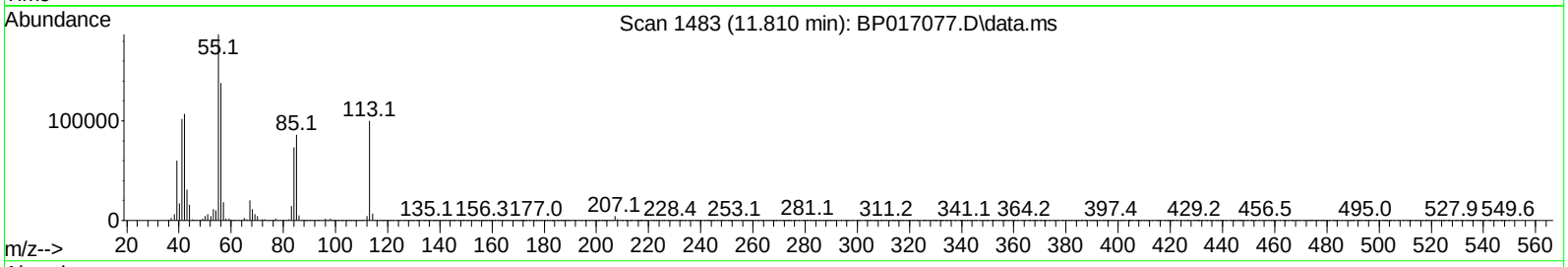

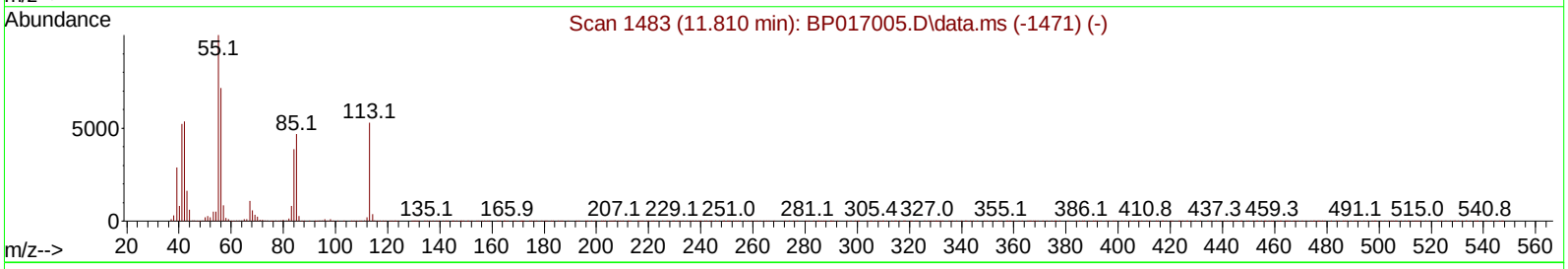

TIC: BP017077.D\data.ms

(34) Caprolactam

11.810min (-0.006) 15.34 ng/ul

response 182776

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	186.55
56.00	127.70	138.01
0.00	0.00	0.00

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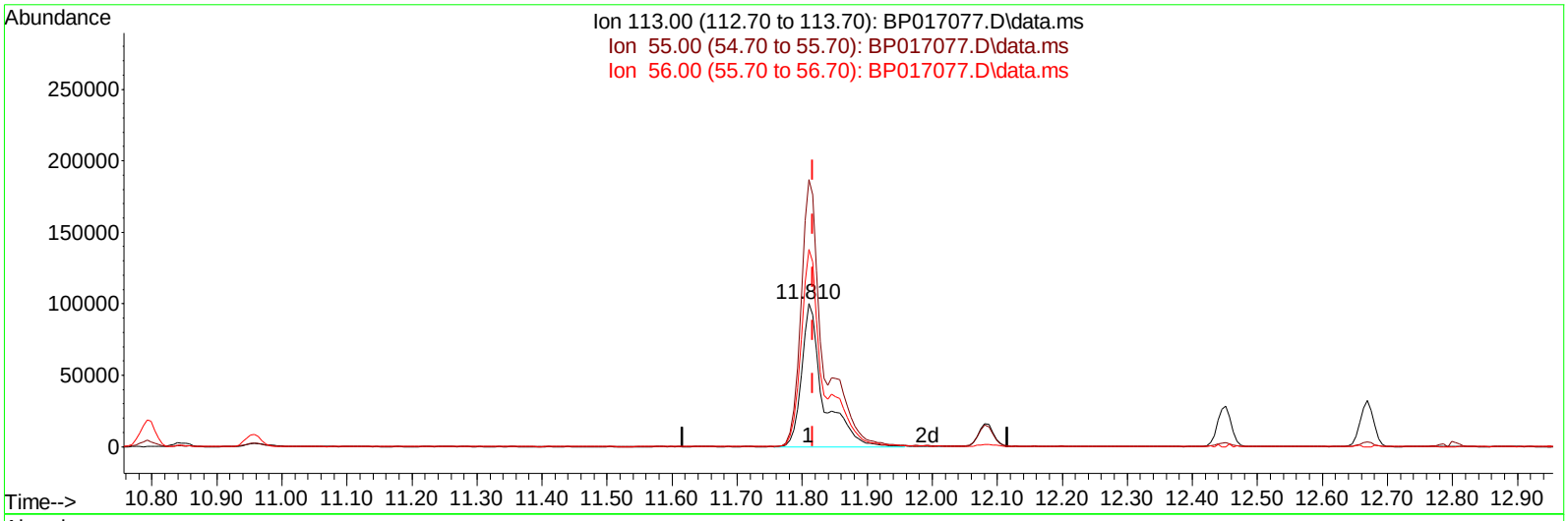

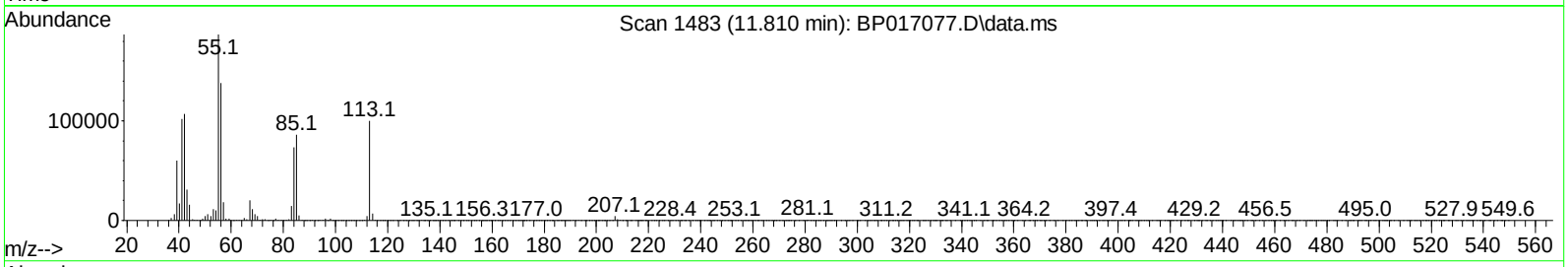

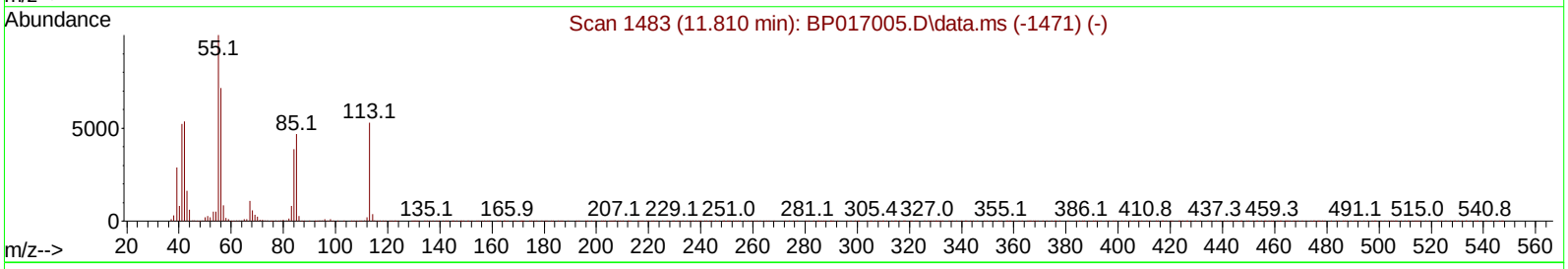

TIC: BP017077.D\data.ms

(34) Caprolactam

11.810min (-0.006) 19.80 ng/ul m

response 235865

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	186.55
56.00	127.70	138.01
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	7.963	152	542720	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.793	136	2273715	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	1264042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2596572	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1970929	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1759258	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	124866	8.703	ng/uL	0.00
4) Pyridine-d5	3.758	84	934536	22.795	ng/ul	0.00
7) Phenol-d5	7.116	99	1135259	22.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	706990	22.796	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.487	132	819280	22.831	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	833746	22.072	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	398162	22.572	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.881	143	424570	22.204	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	780575	22.111	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1074981	21.106	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	2010360	21.366	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	2405564	22.153	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	354673	19.297	ng/ul	0.00
60) Fluorene-d10	15.622	176	1725483	21.419	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	267717	17.133	ng/ul	0.00
73) Anthracene-d10	17.498	188	2610131	21.889	ng/ul	0.00
81) Pyrene-d10	19.733	212	2737885	22.806	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	1936746	21.700	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	135521	8.748	ng/uL	98
5) Pyridine	3.775	79	982560	22.513	ng/ul	97
6) Benzaldehyde	7.122	77	395957	17.620	ng/ul	96
8) Phenol	7.146	94	1182236	22.949	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.405	93	911374	22.185	ng/ul	100
12) 2-Chlorophenol	7.522	128	872595	22.825	ng/ul	98
13) 2-Methylphenol	8.410	108	844638	22.353	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1301852m	22.508	ng/ul	
16) Acetophenone	8.816	105	1330039	21.820	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.793	70	702189	21.564	ng/ul	97
18) 4-Methylphenol	8.746	108	911893	22.128	ng/ul	99
19) Hexachloroethane	9.034	117	360848	22.785	ng/ul	96
22) Nitrobenzene	9.210	77	1093147	23.209	ng/ul	98
23) Isophorone	9.728	82	1868017	21.110	ng/ul	98
25) 2-Nitrophenol	9.910	139	472110	22.425	ng/ul	97
26) 2,4-Dimethylphenol	9.952	107	959322	22.317	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.210	93	1145549	20.889	ng/ul	100
29) 2,4-Dichlorophenol	10.434	162	785694	21.839	ng/ul	98
30) Naphthalene	10.846	128	2719080	21.916	ng/ul	99
32) 4-Chloroaniline	10.981	127	1132196	21.360	ng/ul	98
33) Hexachlorobutadiene	11.075	225	445662	20.725	ng/ul	99
34) Caprolactam	11.810	113	235865m	19.796	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	826853	20.972	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	1716271	20.933 ng/ul	99
37) 1-Methylnaphthalene	12.669	142	1723160	20.875 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	818739	21.984 ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	481611	19.958 ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	559630	22.078 ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	605442	21.952 ng/ul	98
43) 1,1'-Biphenyl	13.457	154	2247630	22.463 ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1768307	22.509 ng/ul	100
45) 2-Nitroaniline	13.746	65	573996	24.534 ng/ul	97
47) Dimethylphthalate	14.087	163	2116807	21.441 ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	427618	22.303 ng/ul	96
50) Acenaphthylene	14.357	152	2713559	22.318 ng/ul	100
51) 3-Nitroaniline	14.569	138	360158	18.823 ng/ul	94
52) Acenaphthene	14.693	153	1874334	22.094 ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	192044	16.155 ng/ul	93
55) 4-Nitrophenol	14.863	109	302045	20.533 ng/ul	94
56) Dibenzofuran	15.028	168	2555186	21.906 ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	622109	22.604 ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.245	232	450584	20.263 ng/ul	99
59) Diethylphthalate	15.445	149	2146994	21.762 ng/ul	100
61) Fluorene	15.681	166	2121213	22.057 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	983610	21.164 ng/ul	96
63) 4-Nitroaniline	15.740	138	271255	16.124 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.763	198	280182	17.114 ng/ul#	86
67) N-Nitrosodiphenylamine	15.892	169	1723731	22.016 ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	534506	20.691 ng/ul	98
69) Hexachlorobenzene	16.651	284	574003	20.270 ng/ul	93
70) Atrazine	16.851	200	574778	21.442 ng/ul	100
71) Pentachlorophenol	17.022	266	328238	17.775 ng/ul	99
72) Phenanthrene	17.439	178	3157752	21.886 ng/ul	100
74) Anthracene	17.528	178	3211940	22.145 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	822498	22.238 ng/uL	98
76) Pentachlorobenzene	14.916	250	748821	21.018 ng/uL	99
77) Carbazole	17.816	167	2877047	22.073 ng/ul	99
78) Di-n-butylphthalate	18.322	149	3624928	22.701 ng/ul	99
80) Fluoranthene	19.404	202	3449543	23.013 ng/ul	100
82) Pyrene	19.763	202	3583456	23.025 ng/ul	99
83) Butylbenzylphthalate	20.616	149	1616750	25.119 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.416	252	801062	18.314 ng/ul	100
85) Benzo(a)anthracene	21.474	228	3101476	22.343 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	2261727	25.436 ng/ul	99
87) Chrysene	21.533	228	2830072	21.796 ng/ul	99
89) Di-n-octyl phthalate	22.316	149	3614678	24.510 ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2613810	21.265 ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	2595514	21.806 ng/ul	99
93) Benzo(a)pyrene	23.910	252	2229238	21.744 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	2591722	22.774 ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	2148232	22.871 ng/ul	98
96) Benzo(g,h,i)perylene	27.545	276	2017710	22.499 ng/ul	97

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

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