Quantitation Report (Qedit)

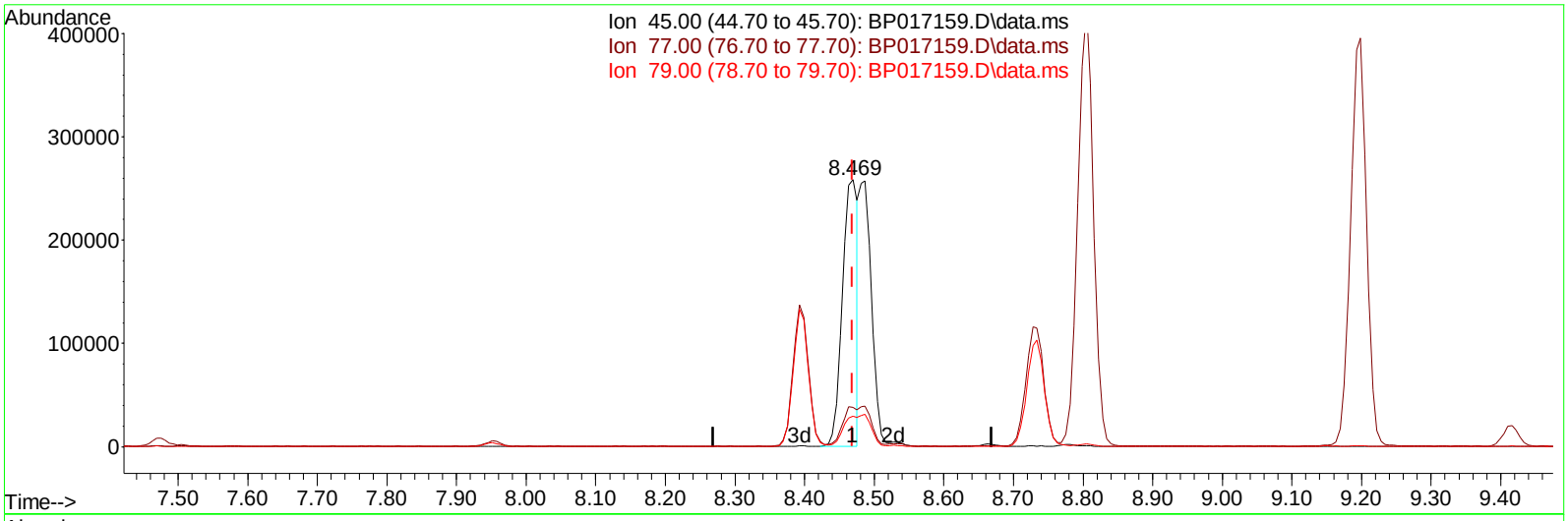
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017159.D
Acq On : 13 Sep 2023 20:53
Operator : MA/JU
Sample : PB155390BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

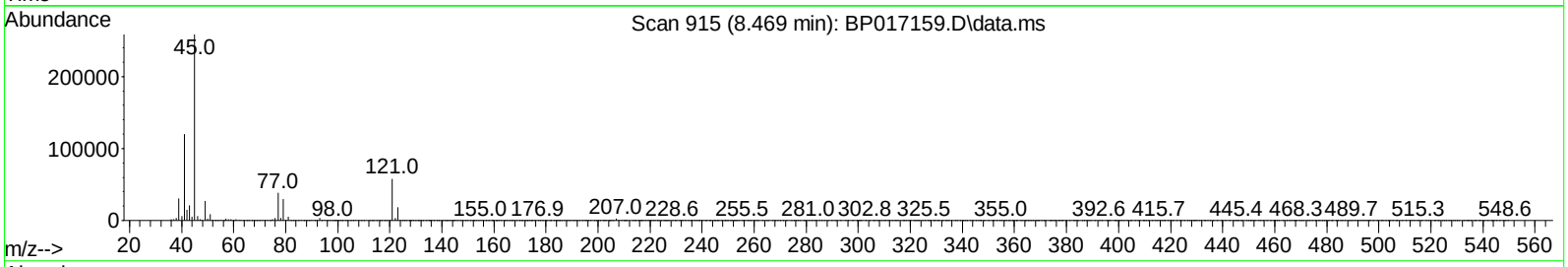
Quant Time: Sep 13 23:20:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

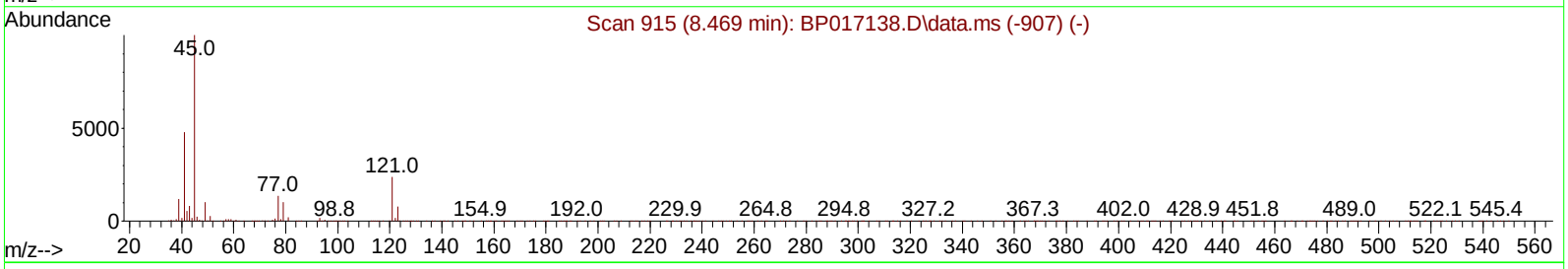
Instrument :
BNA_P
ClientSampleId :
SLCS390

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023







TIC: BP017159.D\data.ms

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

8.469min (+ 0.000) 21.55 ng/ul

response 392300

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.87
79.00	11.00	11.43
0.00	0.00	0.00

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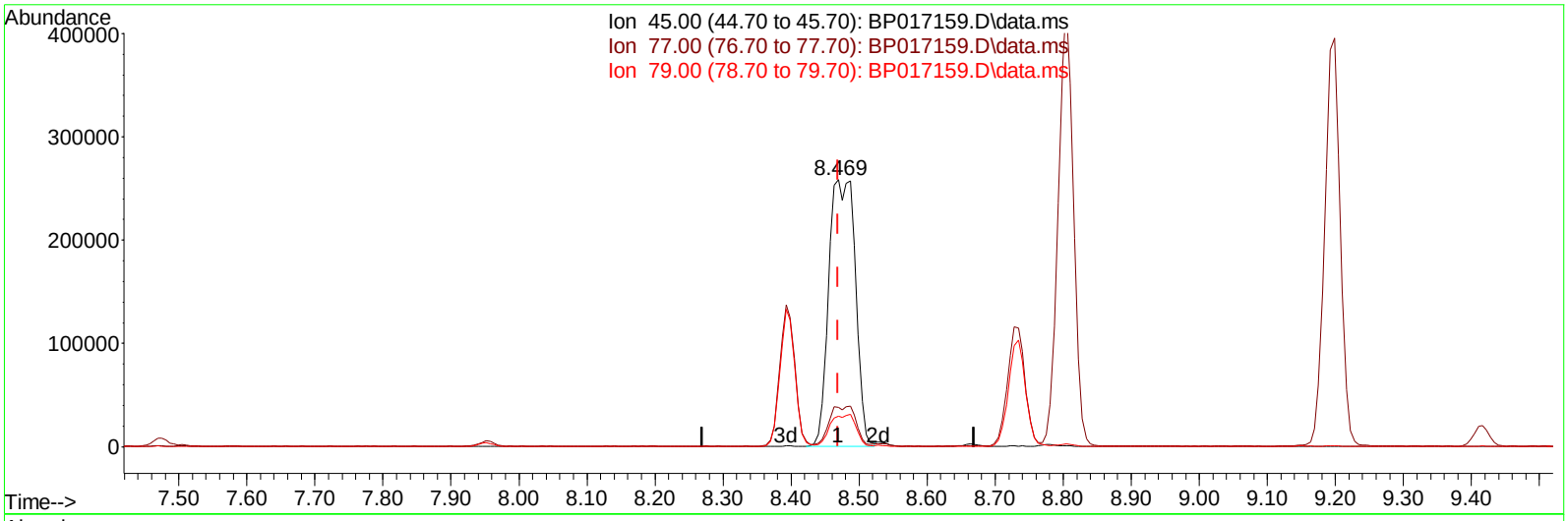

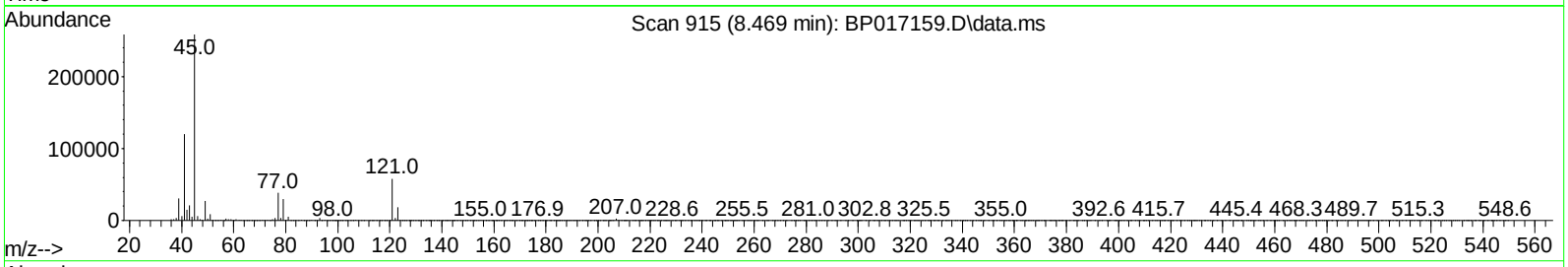

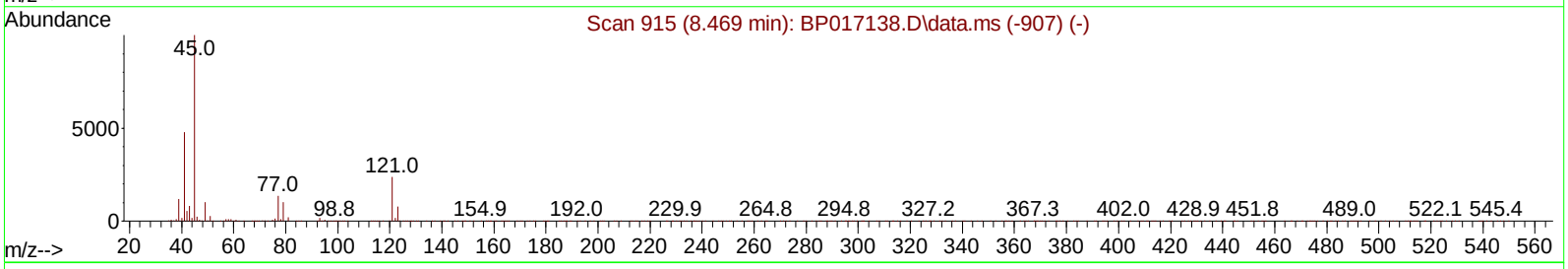

TIC: BP017159.D\data.ms

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

8.469min (+ 0.000) 38.63 ng/ul m

response 703347

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.87
79.00	11.00	11.43
0.00	0.00	0.00

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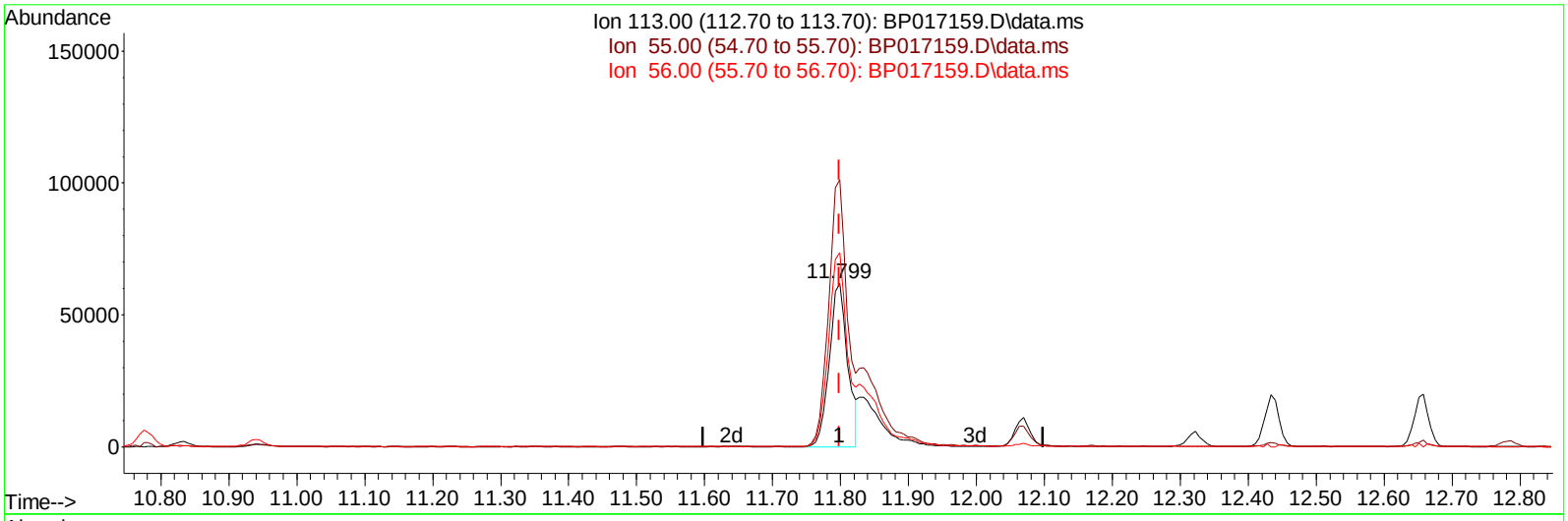

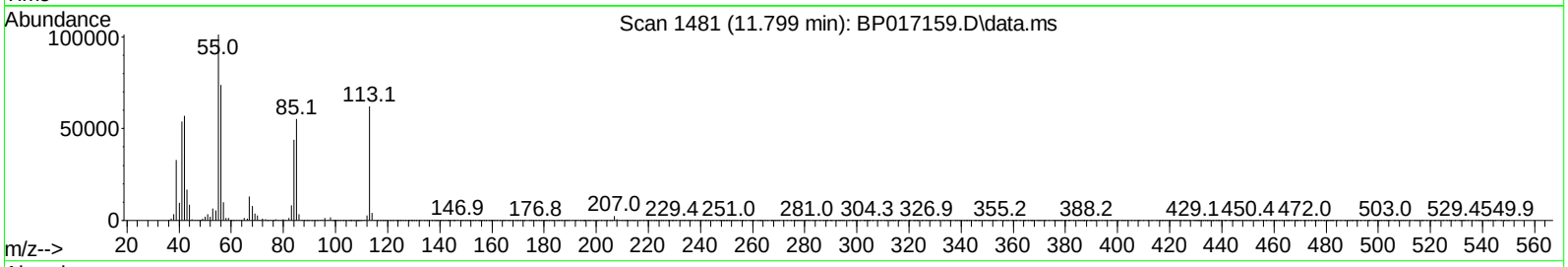

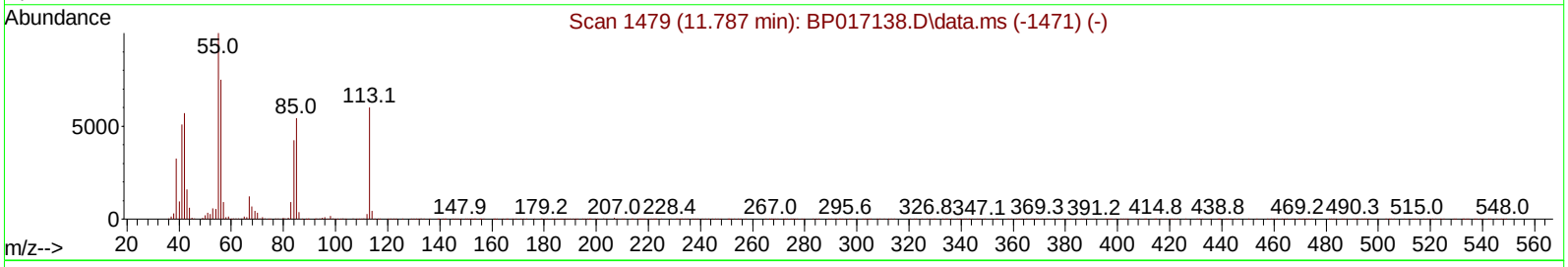

TIC: BP017159.D\data.ms

(34) Caprolactam

11.799min (+ 0.000) 29.76 ng/ul

response 116418

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	163.36
56.00	121.00	119.02
0.00	0.00	0.00

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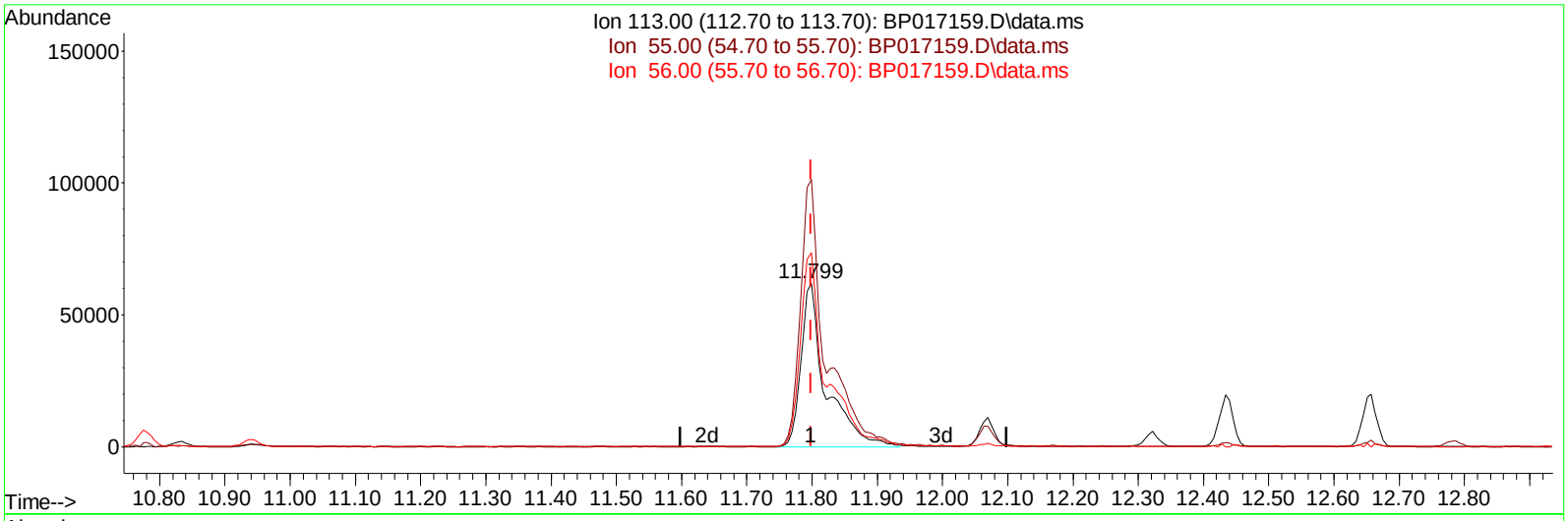

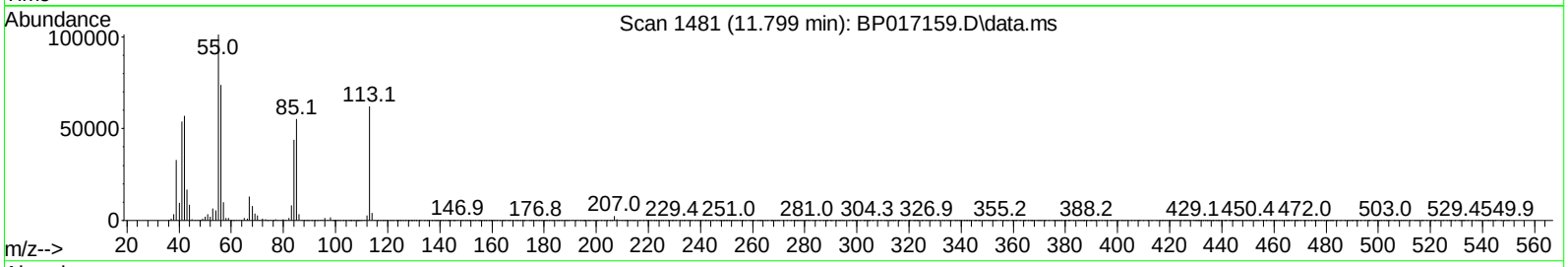

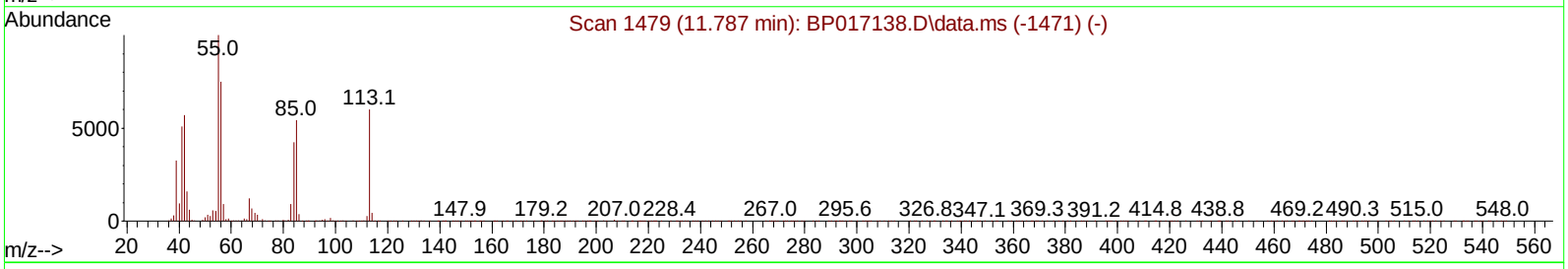

TIC: BP017159.D\data.ms

(34) Caprolactam

11.799min (+ 0.000) 41.56 ng/ul m

response 162561

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	163.36
56.00	121.00	119.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 47 Sample Multiplier: 1

Quant Time: Sep 14 00:19:15 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	196398	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	850377	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	530975	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1140828	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	904874	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	784078	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	31945	6.835	ng/uL	0.00
4) Pyridine-d5	3.746	84	393513	29.434	ng/ul	0.00
7) Phenol-d5	7.105	99	604564	37.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	370642	37.133	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	465312	36.524	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	481254	36.362	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	226500	38.038	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	252658	39.745	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	481625	39.175	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	383735	20.708	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1450836	38.397	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1640125	38.254	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	254581	34.861	ng/ul	0.00
60) Fluorene-d10	15.610	176	1240529	37.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	249690	39.174	ng/ul	0.00
73) Anthracene-d10	17.481	188	1926759	39.751	ng/ul	0.00
81) Pyrene-d10	19.722	212	2146042	45.222	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1500690	40.551	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	72499	14.426	ng/uL	95
5) Pyridine	3.769	79	459537	33.184	ng/ul	97
6) Benzaldehyde	7.111	77	304859	34.289	ng/ul	99
8) Phenol	7.134	94	666855	39.593	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.387	93	525318	39.105	ng/ul	99
12) 2-Chlorophenol	7.505	128	511621	39.564	ng/ul	98
13) 2-Methylphenol	8.393	108	496085	39.509	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	703347m	38.634	ng/ul	
16) Acetophenone	8.805	105	824859	39.818	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	431964	40.578	ng/ul	98
18) 4-Methylphenol	8.734	108	544400	39.188	ng/ul	98
19) Hexachloroethane	9.016	117	207996	39.110	ng/ul	97
22) Nitrobenzene	9.199	77	630025	40.629	ng/ul	99
23) Isophorone	9.710	82	1182976	40.709	ng/ul	99
25) 2-Nitrophenol	9.899	139	292957	41.464	ng/ul	99
26) 2,4-Dimethylphenol	9.940	107	569045	39.519	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.199	93	732686	40.228	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	511223	41.080	ng/ul	99
30) Naphthalene	10.828	128	1693609	39.358	ng/ul	100
32) 4-Chloroaniline	10.963	127	531068	29.369	ng/ul	98
33) Hexachlorobutadiene	11.057	225	335246	39.673	ng/ul	99
34) Caprolactam	11.799	113	162561m	41.557	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	563516	41.851	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	1147241	39.511	ng/ul	99
37) 1-Methylnaphthalene	12.657	142	1111262	37.809	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	648352	40.997	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	350273	35.549	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	412751	41.084	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	452514	42.367	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1568343	41.191	ng/ul	100
44) 2-Chloronaphthalene	13.493	162	1242251	41.085	ng/ul	99
45) 2-Nitroaniline	13.728	65	362649	44.279	ng/ul	98
47) Dimethylphthalate	14.075	163	1590016	41.452	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	304867	43.474	ng/ul	97
50) Acenaphthylene	14.340	152	1919828	38.760	ng/ul	99
51) 3-Nitroaniline	14.557	138	308037	41.061	ng/ul	99
52) Acenaphthene	14.675	153	1327402	40.499	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	173742	35.373	ng/ul	98
55) 4-Nitrophenol	14.845	109	229048	39.188	ng/ul	99
56) Dibenzofuran	15.016	168	1866058	41.199	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	456296	43.698	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.228	232	376323	40.163	ng/ul	97
59) Diethylphthalate	15.434	149	1592602	42.054	ng/ul	99
61) Fluorene	15.663	166	1539705	41.117	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	800102	42.025	ng/ul	99
63) 4-Nitroaniline	15.734	138	314288	45.064	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	272688	39.865	ng/ul	97
67) N-Nitrosodiphenylamine	15.881	169	1282302	43.228	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	483174	44.432	ng/ul	94
69) Hexachlorobenzene	16.639	284	551046	42.811	ng/ul	99
70) Atrazine	16.834	200	134647	12.540	ng/ul	100
71) Pentachlorophenol	17.004	266	300727	35.950	ng/ul	100
72) Phenanthrene	17.428	178	2389470	41.679	ng/ul	99
74) Anthracene	17.522	178	2452240	42.232	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	63560	4.030	ng/uL	95
76) Pentachlorobenzene	14.904	250	661850	46.242	ng/uL	99
77) Carbazole	17.804	167	2109678	41.377	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2628918	45.248	ng/ul	99
80) Fluoranthene	19.392	202	2730744	49.231	ng/ul	100
82) Pyrene	19.751	202	2852760	48.674	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1053137	50.382	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	696544	37.547	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2475395	41.781	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1441966	49.142	ng/ul	100
87) Chrysene	21.522	228	2333227	42.335	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2219510	51.051	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2068349	44.753	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2101656	45.742	ng/ul	99
93) Benzo(a)pyrene	23.892	252	1796443	41.897	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.680	276	2286498	48.156	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	1936575	48.554	ng/ul	100
96) Benzo(g,h,i)perylene	27.515	276	1853075	50.472	ng/ul	99

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

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