Quantitation Report (Qedit)

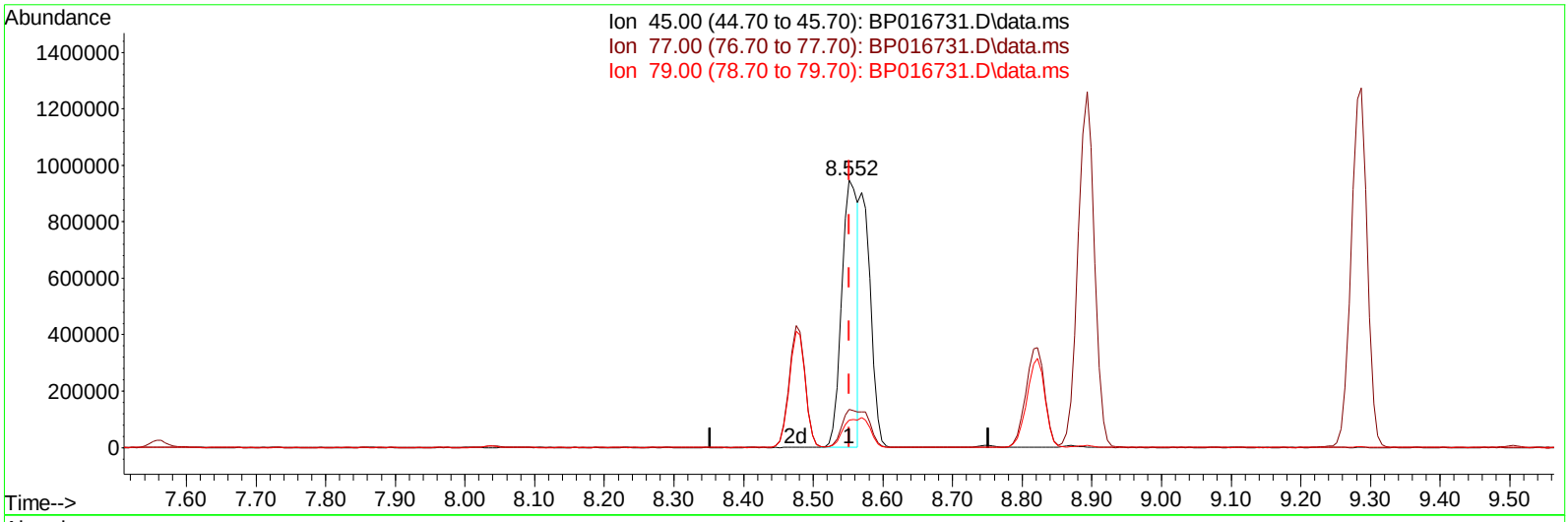
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
Data File : BP016731.D
Acq On : 24 Aug 2023 16:47
Operator : MA/JU
Sample : SSTD08035
Misc :
ALS Vial : 6 Sample Multiplier: 1

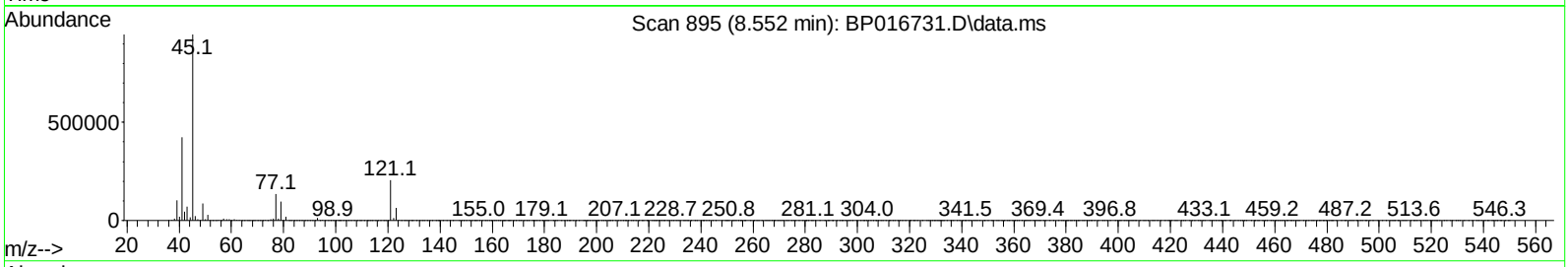
Quant Time: Aug 25 00:55:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 00:53:07 2023
Response via : Initial Calibration

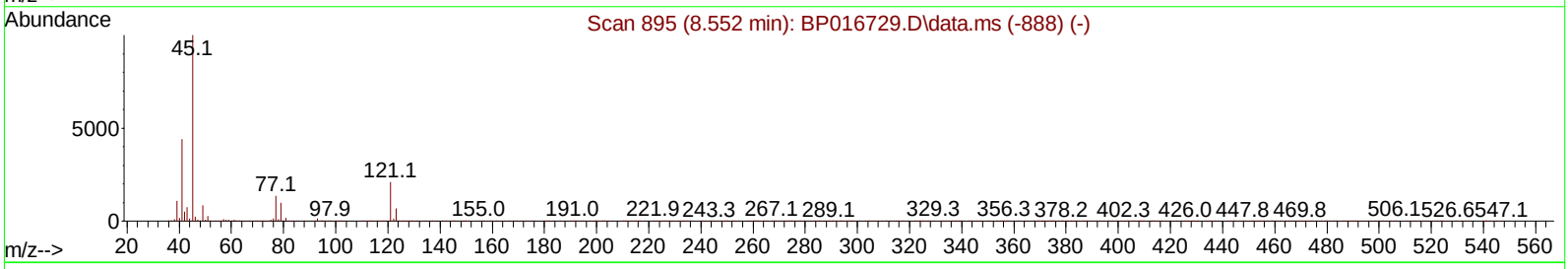
Instrument :
BNA_P
ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023







TIC: BP016731.D\data.ms

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

8.552min (0.000) 48.62 ng/ul

response 1525187

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.34
79.00	10.30	10.33
0.00	0.00	0.00

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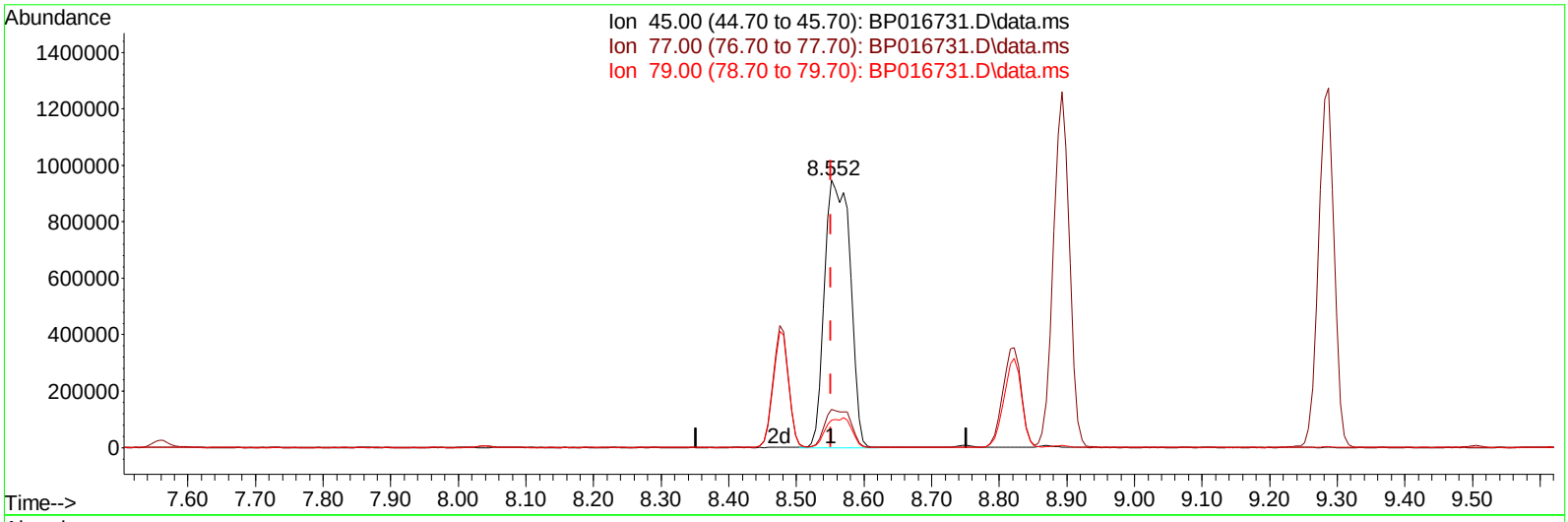

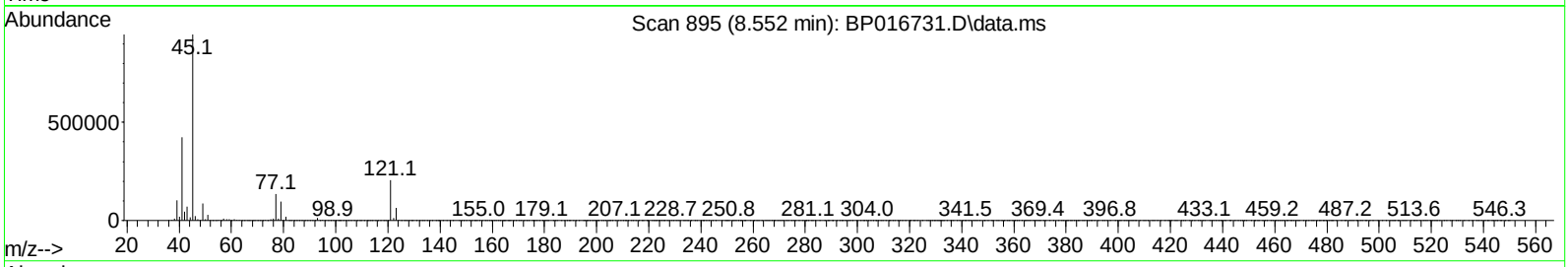

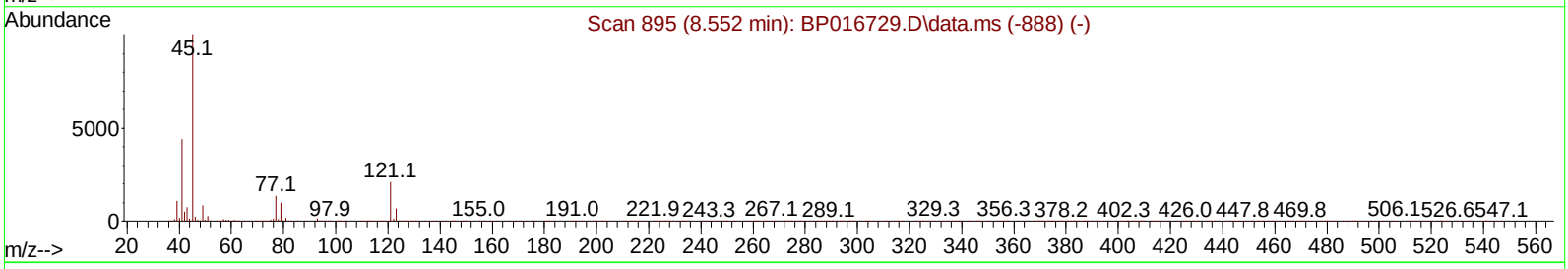

TIC: BP016731.D\data.ms

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

8.552min (0.000) 79.97 ng/ul m

response 2508542

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.34
79.00	10.30	10.33
0.00	0.00	0.00

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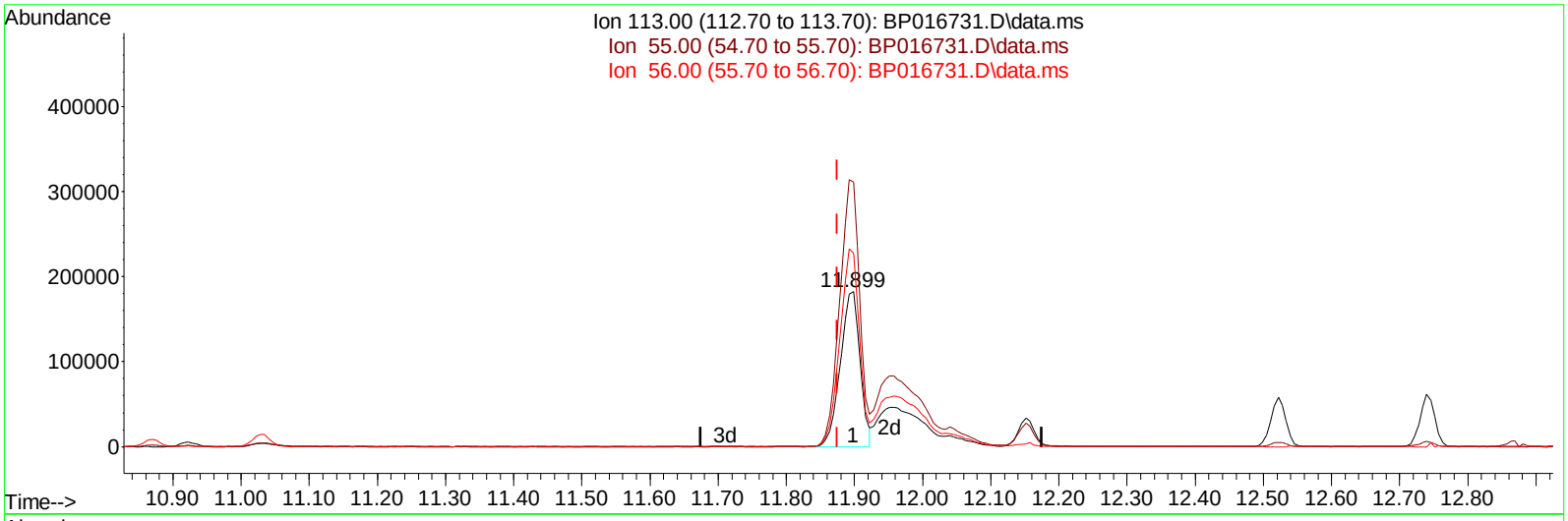

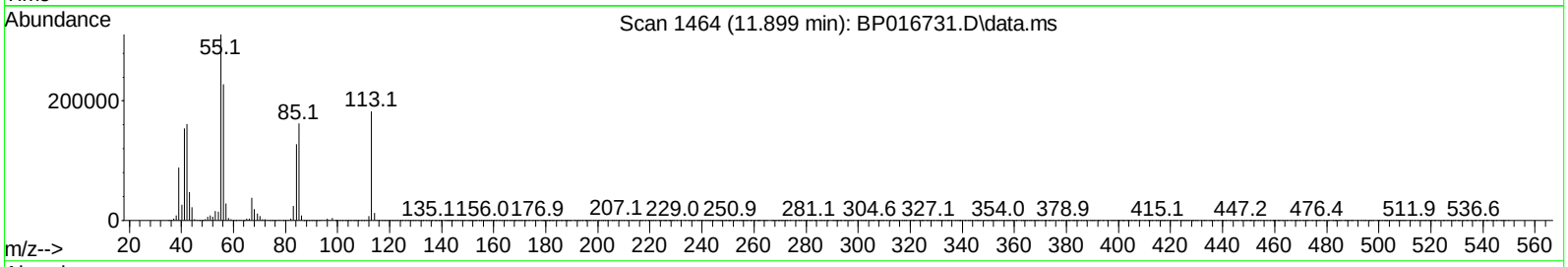

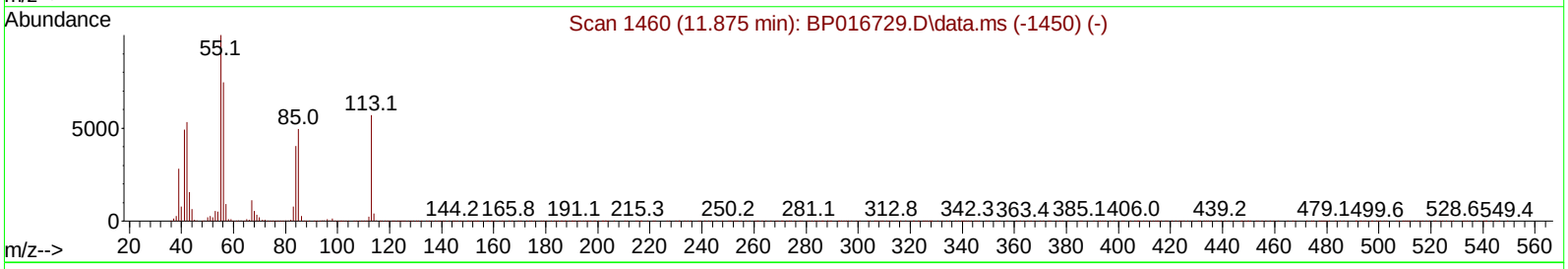

TIC: BP016731.D\data.ms

(34) Caprolactam

11.899min (+ 0.024) 52.13 ng/ul

response 364927

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	170.39
56.00	130.60	124.56
0.00	0.00	0.00

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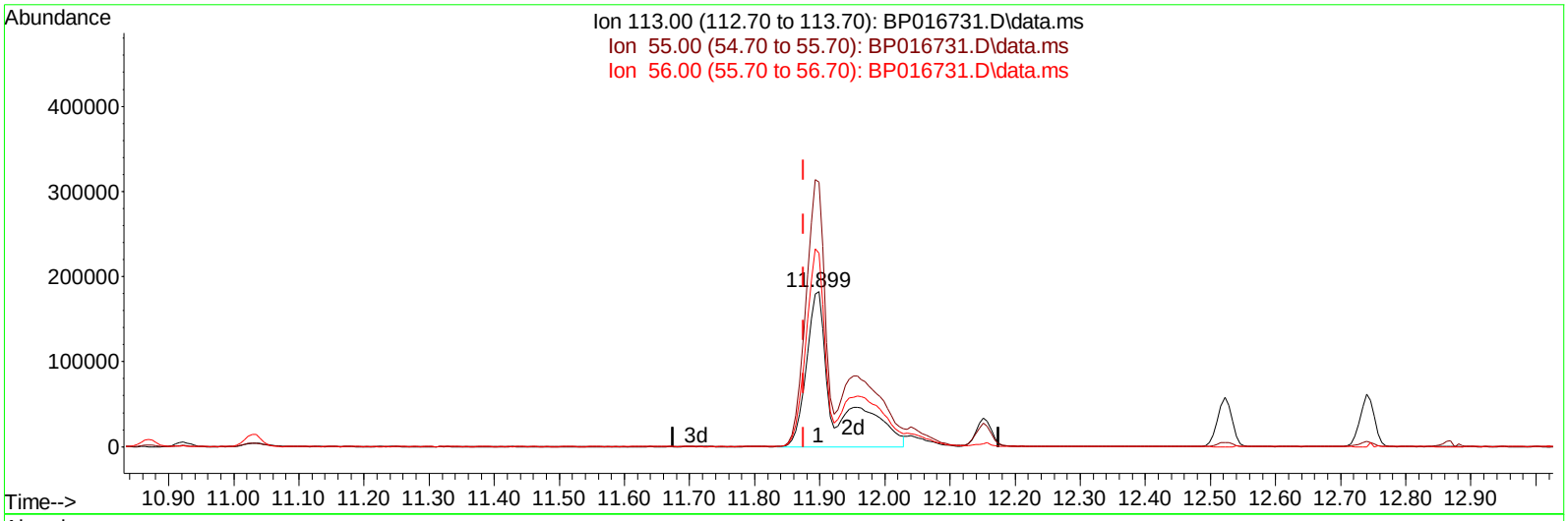

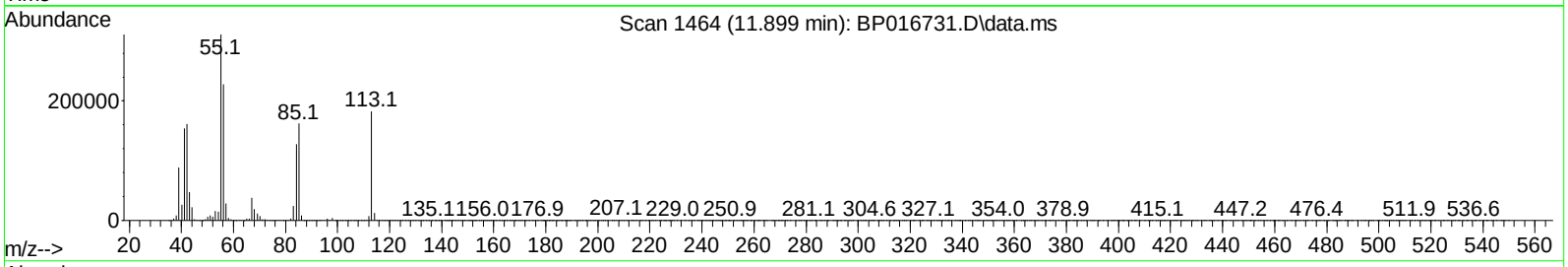

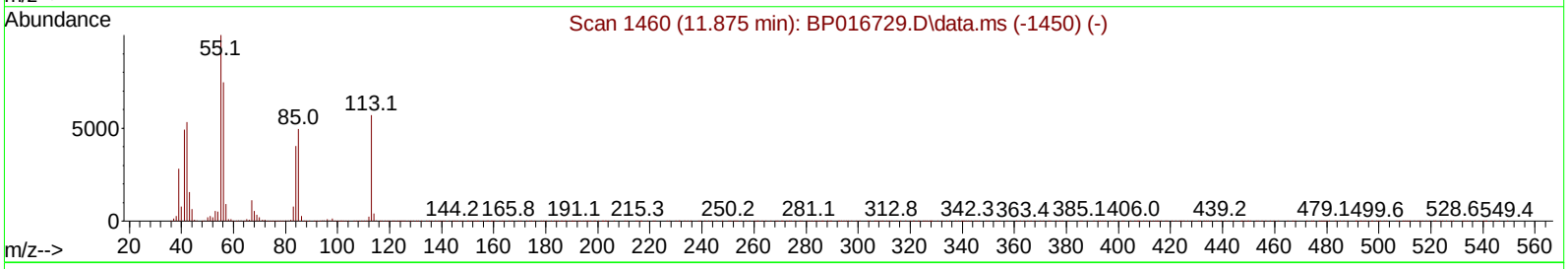

TIC: BP016731.D\data.ms

(34) Caprolactam

11.899min (+ 0.024) 81.91 ng/ul m

response 573431

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	170.39
56.00	130.60	124.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 24 Aug 2023 16:47
Operator : MA/JU
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Misc :
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Quant Time: Aug 25 01:32:58 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	286265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1261171	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	780723	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1770509	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1759561	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1892428	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	235004	33.929	ng/uL	0.00
4) Pyridine-d5	3.817	84	1780474	84.117	ng/ul	0.00
7) Phenol-d5	7.187	99	2122838	83.396	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	1306105	80.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	1647848	86.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	1714322	82.500	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	831231	87.171	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	916703	91.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	1618999	86.399	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	2399081	83.485	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	4842683	82.251	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	5631507	84.610	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	1041711	85.601	ng/ul	0.01
60) Fluorene-d10	15.687	176	4082550	82.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	904412	85.776	ng/ul	0.00
73) Anthracene-d10	17.563	188	6491588	82.718	ng/ul	0.00
81) Pyrene-d10	19.792	212	7775847	80.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	8097276	85.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	253686	33.633	ng/uL	97
5) Pyridine	3.840	79	1829360	83.903	ng/ul	98
6) Benzaldehyde	7.193	77	947172	68.042	ng/ul	100
8) Phenol	7.211	94	2212364	83.048	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.475	93	1734143	80.647	ng/ul	98
12) 2-Chlorophenol	7.593	128	1652021	84.448	ng/ul	100
13) 2-Methylphenol	8.475	108	1650200	82.581	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	2508542m	79.967	ng/ul	
16) Acetophenone	8.893	105	2615656	81.179	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.875	70	1401913	82.561	ng/ul	97
18) 4-Methylphenol	8.822	108	1783310	81.953	ng/ul	98
19) Hexachloroethane	9.111	117	675236	82.956	ng/ul	98
22) Nitrobenzene	9.287	77	2057409	84.101	ng/ul	98
23) Isophorone	9.805	82	3981055	83.789	ng/ul	100
25) 2-Nitrophenol	9.987	139	977627	87.964	ng/ul	100
26) 2,4-Dimethylphenol	10.022	107	1868405	83.643	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.287	93	2378728	81.149	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	1602827	85.153	ng/ul	99
30) Naphthalene	10.922	128	5277556	80.783	ng/ul	99
32) 4-Chloroaniline	11.057	127	2371625	83.980	ng/ul	100
33) Hexachlorobutadiene	11.152	225	938648	80.955	ng/ul	99
34) Caprolactam	11.899	113	573431m	81.912	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	1811684	85.830	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	3674886	81.494 ng/ul	99
37) 1-Methylnaphthalene	12.740	142	3696514	81.290 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	1864739	83.802 ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	1187279	72.555 ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	1319522	88.801 ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	1396748	86.866 ng/ul	98
43) 1,1'-Biphenyl	13.528	154	4738630	81.634 ng/ul	100
44) 2-Chloronaphthalene	13.575	162	3783397	82.564 ng/ul	100
45) 2-Nitroaniline	13.810	65	1256610	90.423 ng/ul	95
47) Dimethylphthalate	14.157	163	4822402	80.875 ng/ul	100
48) 2,6-Dinitrotoluene	14.298	165	1061387	90.856 ng/ul	97
50) Acenaphthylene	14.422	152	6283622	82.483 ng/ul	99
51) 3-Nitroaniline	14.634	138	960101	78.913 ng/ul	100
52) Acenaphthene	14.757	153	4092283	81.198 ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	645178	75.991 ng/ul	98
55) 4-Nitrophenol	14.928	109	772605	84.066 ng/ul	97
56) Dibenzofuran	15.093	168	5553699	80.311 ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	1537602	89.407 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.310	232	1193762	87.207 ng/ul	97
59) Diethylphthalate	15.510	149	4982295	82.249 ng/ul	99
61) Fluorene	15.745	166	4678112	80.877 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	2318824	81.652 ng/ul	99
63) 4-Nitroaniline	15.810	138	913901	78.940 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	960317	84.478 ng/ul	98
67) N-Nitrosodiphenylamine	15.957	169	3961170	80.891 ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	1407947	82.943 ng/ul	98
69) Hexachlorobenzene	16.722	284	1549690	81.537 ng/ul	99
70) Atrazine	16.916	200	1536870	83.246 ng/ul	100
71) Pentachlorophenol	17.081	266	1115972	79.099 ng/ul	99
72) Phenanthrene	17.504	178	7565626	81.169 ng/ul	98
74) Anthracene	17.598	178	7625792	80.913 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	1985379	83.747 ng/uL	99
76) Pentachlorobenzene	14.987	250	1724684	81.408 ng/uL	99
77) Carbazole	17.881	167	7136827	84.080 ng/ul	99
78) Di-n-butylphthalate	18.386	149	8722757	82.369 ng/ul	99
80) Fluoranthene	19.463	202	9166722	78.964 ng/ul	99
82) Pyrene	19.828	202	9297883	77.538 ng/ul	99
83) Butylbenzylphthalate	20.675	149	4379634	84.688 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	3249622	86.404 ng/ul	99
85) Benzo(a)anthracene	21.539	228	9846217	81.240 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	6372286	84.388 ng/ul#	97
87) Chrysene	21.598	228	8926200	81.078 ng/ul	98
89) Di-n-octyl phthalate	22.398	149	11091811	77.821 ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	9987598	82.648 ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	9650837	80.750 ng/ul	99
93) Benzo(a)pyrene	24.033	252	9273719	84.841 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	10391283	93.032 ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	8631305	93.037 ng/ul	99
96) Benzo(g,h,i)perylene	27.745	276	7832198	92.490 ng/ul	99

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

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