Quantitation Report (Qedit)

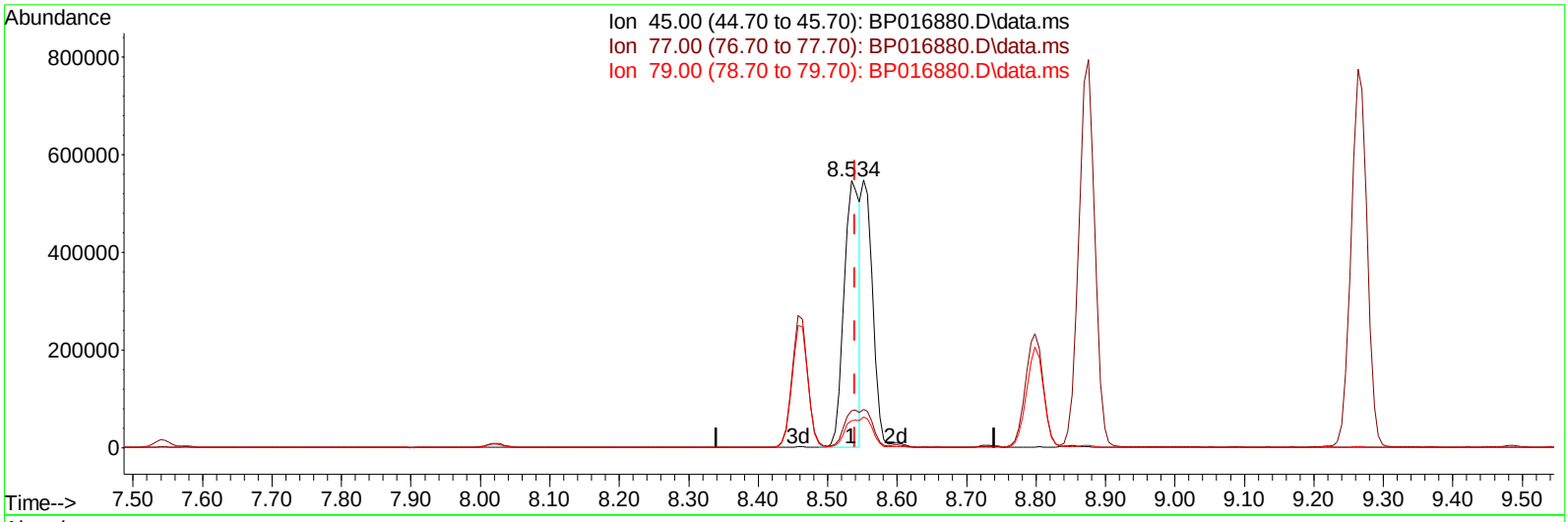
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016880.D
Acq On : 30 Aug 2023 20:13
Operator : MA/JU
Sample : PB155122BS
Misc :
ALS Vial : 99 Sample Multiplier: 1

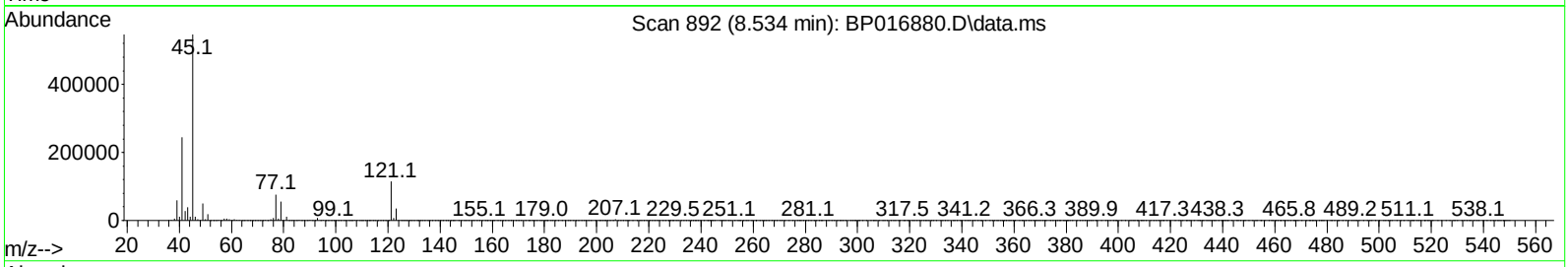
Quant Time: Aug 31 00:52:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

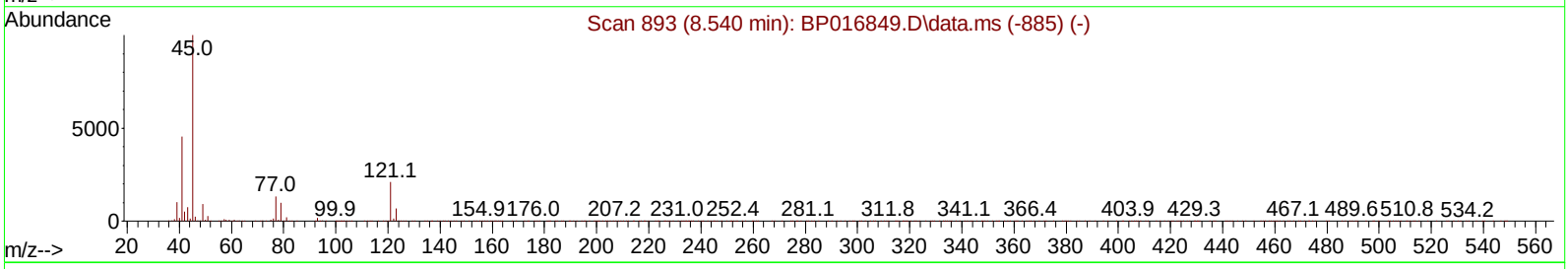
Instrument :
BNA_P
ClientSampleId :
SLCS122

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023







TIC: BP016880.D\data.ms

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

8.534min (-0.006) 20.73 ng/ul

response 866651

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	13.93
79.00	10.30	10.18
0.00	0.00	0.00

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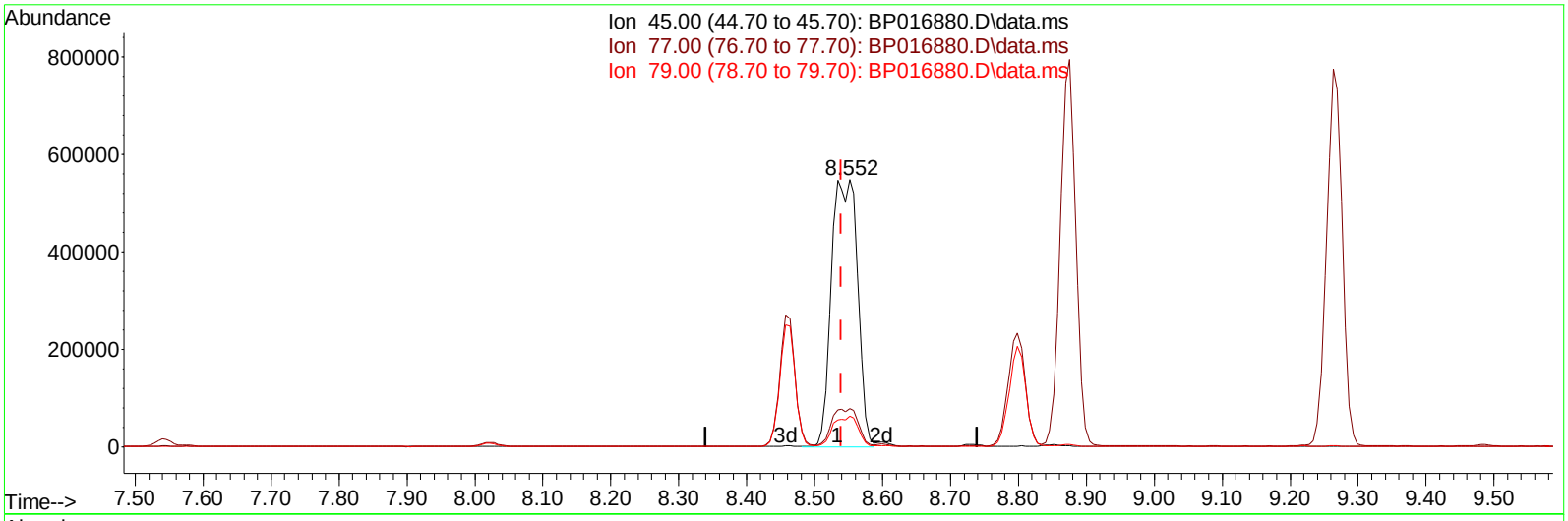

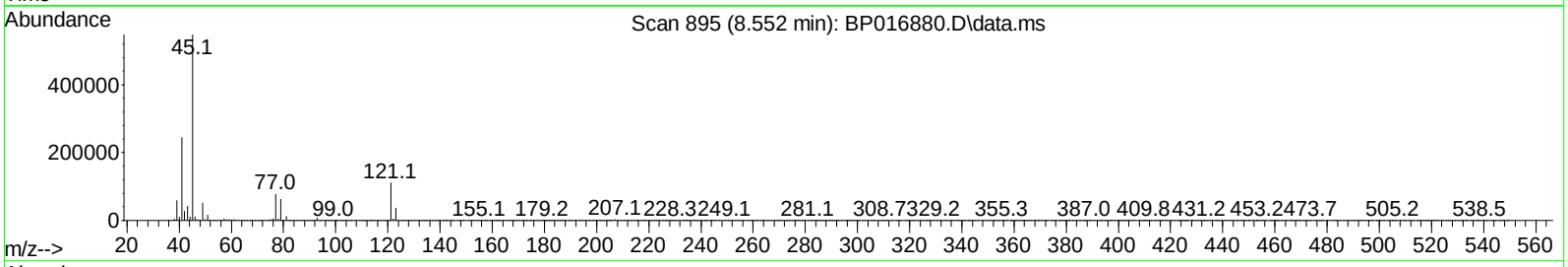

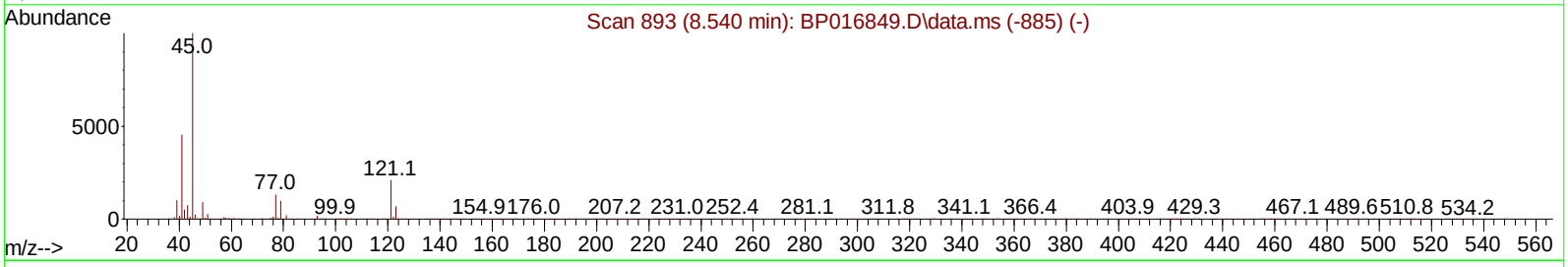

TIC: BP016880.D\data.ms

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

8.552min (+ 0.012) 34.98 ng/ul m

response 1462497

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.18
79.00	10.30	11.48
0.00	0.00	0.00

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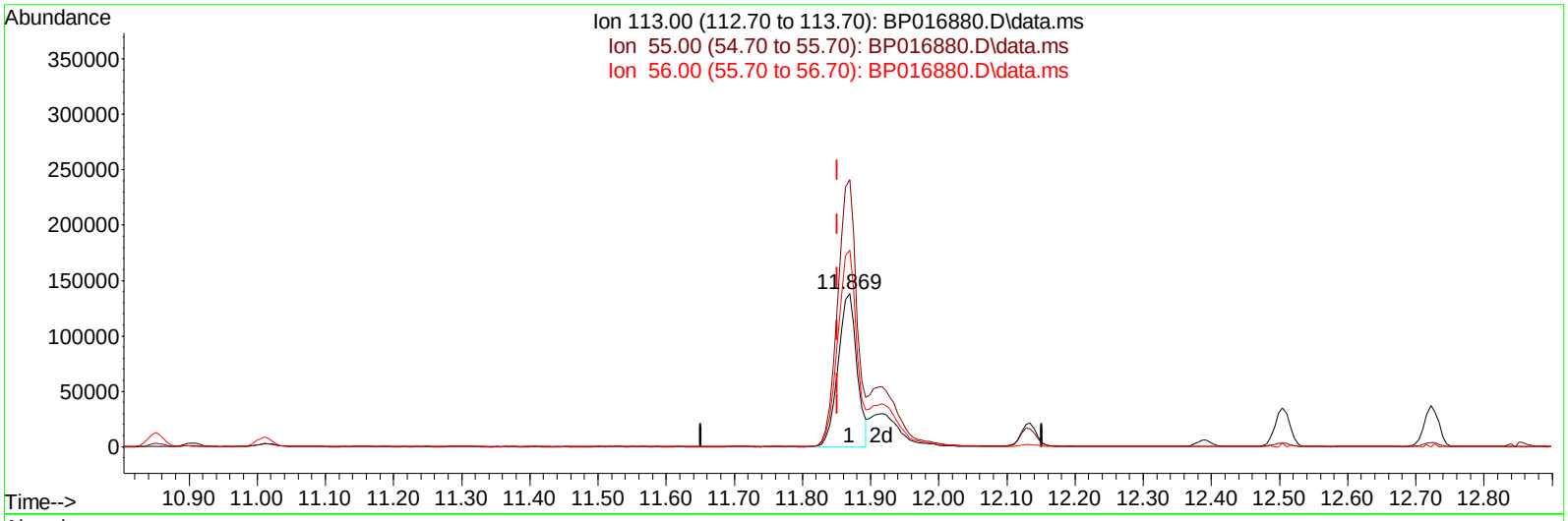

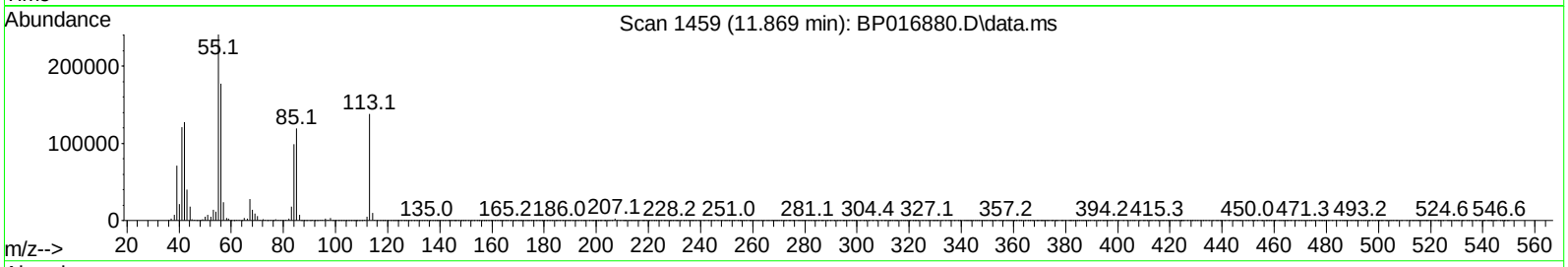

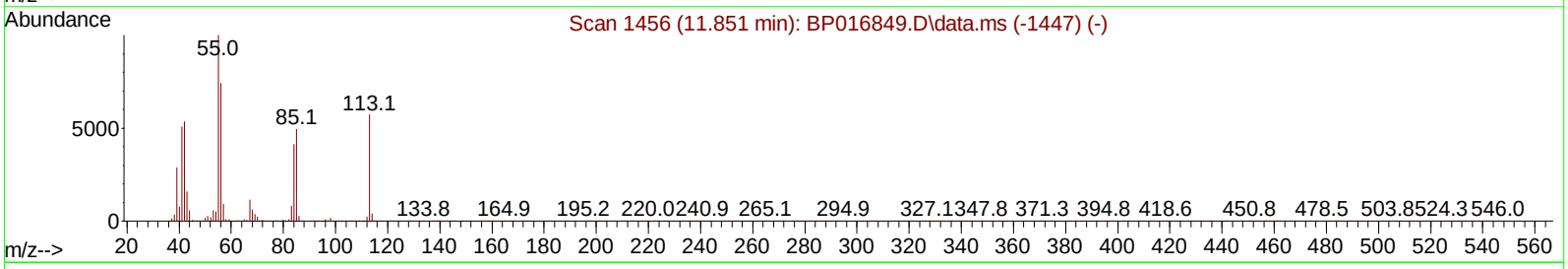

TIC: BP016880.D\data.ms

(34) Caprolactam

11.869min (+ 0.018) 28.57 ng/ul

response 264507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	174.31
56.00	130.60	128.38
0.00	0.00	0.00

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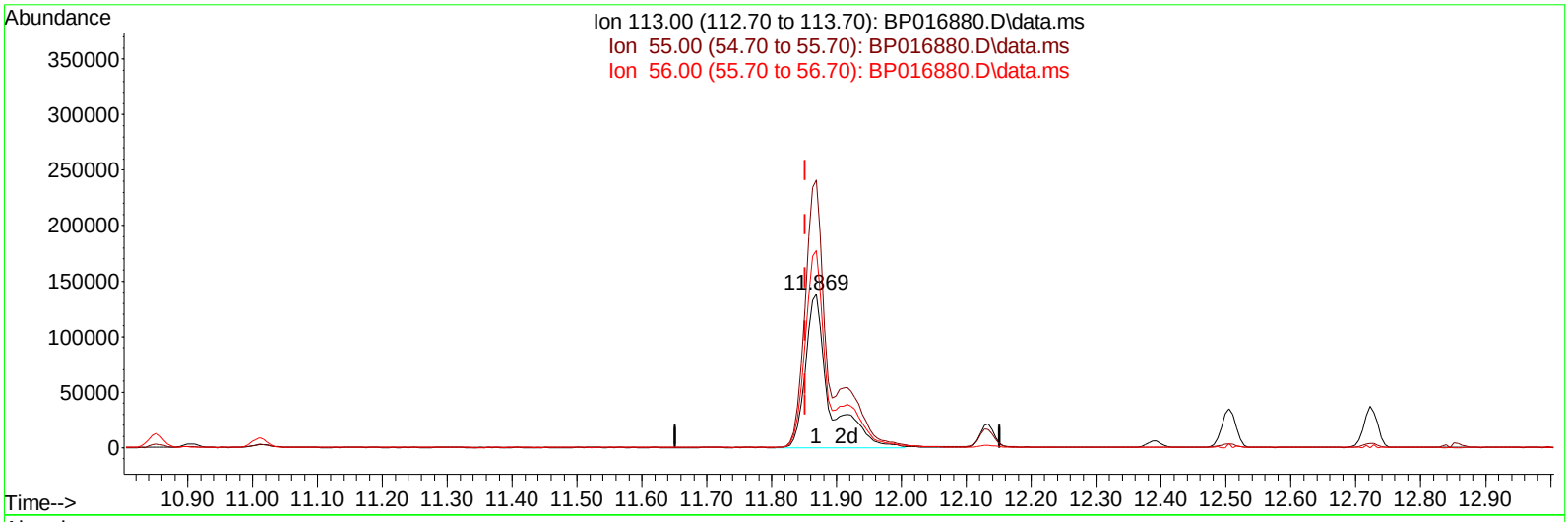

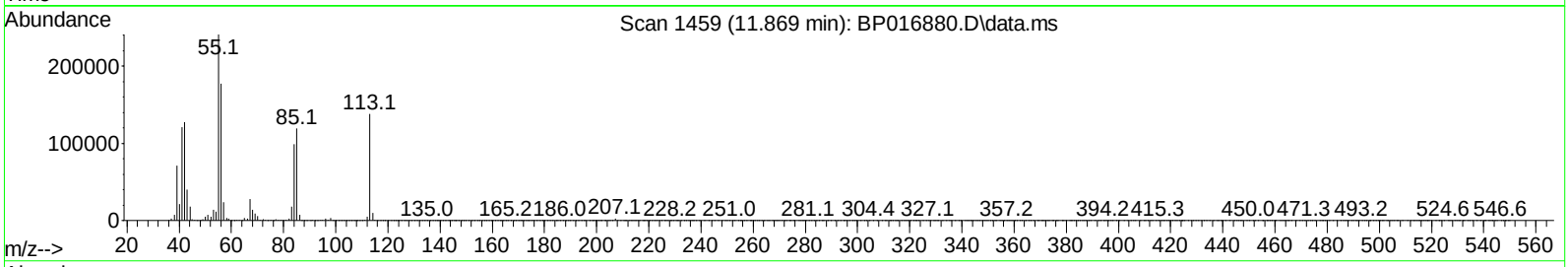

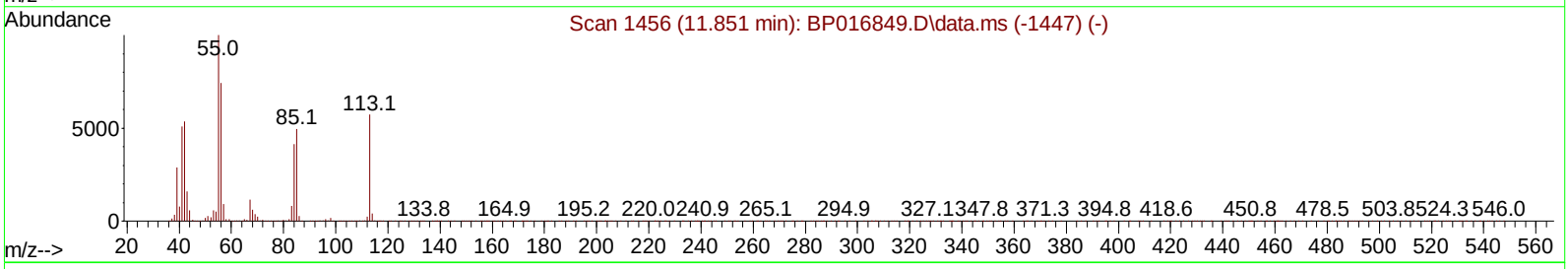

TIC: BP016880.D\data.ms

(34) Caprolactam

11.869min (+ 0.018) 38.39 ng/ul m

response 355446

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	174.31
56.00	130.60	128.38
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/31/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	381582	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1682225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1039402	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2302791	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1864290	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1596962	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	63022	6.826	ng/uL	0.00
4) Pyridine-d5	3.811	84	933958	33.102	ng/ul	0.00
7) Phenol-d5	7.169	99	1272744	37.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	753258	34.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	938133	36.773	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	985776	35.589	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	471635	37.080	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	526566	39.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	963245	38.538	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	1292164	33.711	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	2817035	35.938	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3266938	36.868	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	530816	32.763	ng/ul	0.00
60) Fluorene-d10	15.675	176	2439901	36.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	459481	33.505	ng/ul	0.00
73) Anthracene-d10	17.545	188	3743426	36.674	ng/ul	0.00
81) Pyrene-d10	19.780	212	4280735	41.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	3082056	38.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	135893	13.516	ng/uL	98
5) Pyridine	3.834	79	945864	32.545	ng/ul	99
6) Benzaldehyde	7.175	77	755580	40.720	ng/ul	98
8) Phenol	7.193	94	1347364	37.944	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.458	93	1039003	36.249	ng/ul	99
12) 2-Chlorophenol	7.575	128	1003082	38.467	ng/ul	99
13) 2-Methylphenol	8.458	108	985591	37.002	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1462497m	34.979	ng/ul	
16) Acetophenone	8.875	105	1594078	37.115	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.852	70	847537	37.445	ng/ul	99
18) 4-Methylphenol	8.799	108	1089396	37.558	ng/ul	99
19) Hexachloroethane	9.093	117	393984	36.312	ng/ul	97
22) Nitrobenzene	9.263	77	1245944	38.183	ng/ul	100
23) Isophorone	9.781	82	2367083	37.350	ng/ul	100
25) 2-Nitrophenol	9.969	139	586696	39.576	ng/ul	99
26) 2,4-Dimethylphenol	10.005	107	1016570	34.118	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1441264	36.861	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	984661	39.219	ng/ul	99
30) Naphthalene	10.904	128	3250103	37.297	ng/ul	100
32) 4-Chloroaniline	11.034	127	1289447	34.231	ng/ul	100
33) Hexachlorobutadiene	11.134	225	558722	36.127	ng/ul	98
34) Caprolactam	11.869	113	355446m	38.389	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	1110295	39.435	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/31/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.504	142	2216071	36.843	ng/ul	99
37) 1-Methylnaphthalene	12.722	142	2170651	35.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1105001	37.300	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	527540	24.215	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	796391	40.257	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	876066	40.924	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	2993655	38.738	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	2369599	38.842	ng/ul	100
45) 2-Nitroaniline	13.793	65	764689	41.331	ng/ul	98
47) Dimethylphthalate	14.140	163	2976487	37.494	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	635930	40.882	ng/ul	99
50) Acenaphthylene	14.404	152	3713184	36.611	ng/ul	99
51) 3-Nitroaniline	14.622	138	654505	40.407	ng/ul	98
52) Acenaphthene	14.740	153	2554429	38.070	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	311721	27.578	ng/ul	98
55) 4-Nitrophenol	14.904	109	432228	35.325	ng/ul	99
56) Dibenzofuran	15.081	168	3541203	38.464	ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	917966	40.093	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.292	232	725836	39.828	ng/ul	99
59) Diethylphthalate	15.492	149	3031863	37.594	ng/ul	99
61) Fluorene	15.728	166	2943118	38.219	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1427053	37.745	ng/ul	98
63) 4-Nitroaniline	15.792	138	635442	41.228	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	493966	33.409	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	2487709	39.059	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	845931	38.315	ng/ul	96
69) Hexachlorobenzene	16.704	284	932609	37.727	ng/ul	97
70) Atrazine	16.898	200	857624	35.716	ng/ul	100
71) Pentachlorophenol	17.069	266	599673	32.680	ng/ul	99
72) Phenanthrene	17.492	178	4678412	38.591	ng/ul	100
74) Anthracene	17.581	178	4649098	37.927	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	112369	3.644	ng/uL	98
76) Pentachlorobenzene	14.969	250	1111062	40.322	ng/uL	99
77) Carbazole	17.863	167	4312779	39.065	ng/ul	99
78) Di-n-butylphthalate	18.375	149	5393359	39.158	ng/ul	100
80) Fluoranthene	19.451	202	5376930	43.716	ng/ul	99
82) Pyrene	19.810	202	5552761	43.705	ng/ul	100
83) Butylbenzylphthalate	20.663	149	2505464	45.726	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	1523773	38.240	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4999052	38.929	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3614966	45.184	ng/ul	99
87) Chrysene	21.586	228	4586676	39.321	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5947076	49.451	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4272579	41.897	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4082586	40.480	ng/ul	100
93) Benzo(a)pyrene	23.998	252	3554760	38.538	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	4053821	43.008	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	3357346	42.885	ng/ul	99
96) Benzo(g,h,i)perylene	27.698	276	3226486	45.151	ng/ul	99

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

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