Quantitation Report (Qedit)

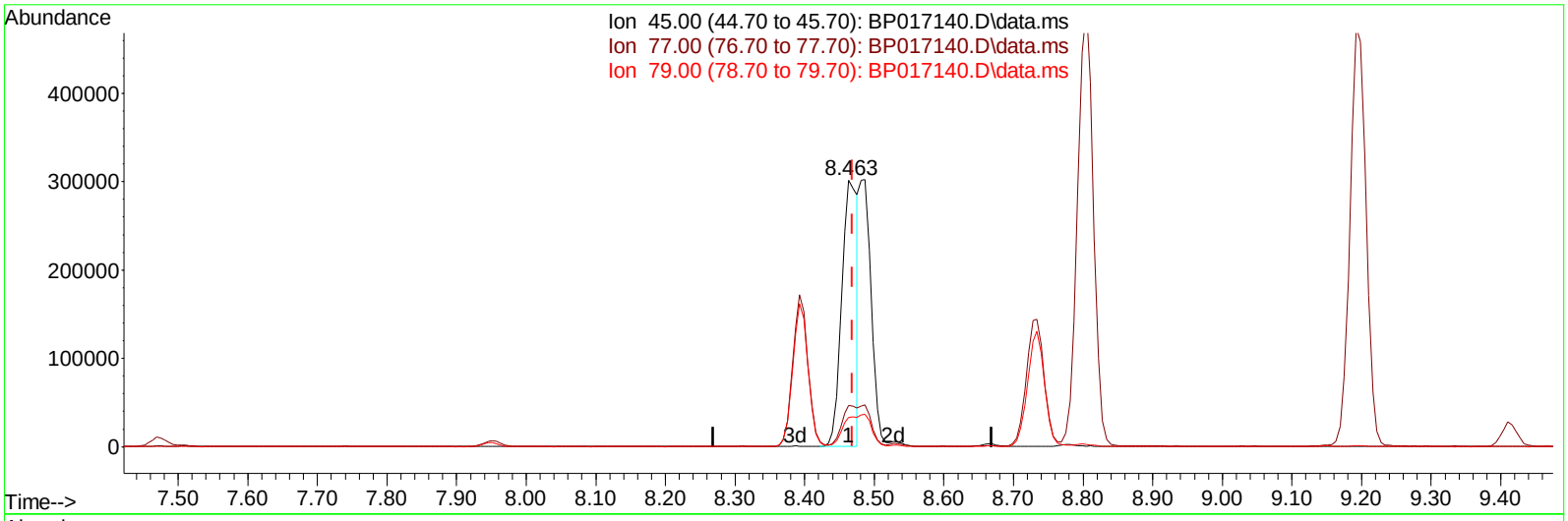
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017140.D
Acq On : 13 Sep 2023 09:56
Operator : MA/JU
Sample : PB155418BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

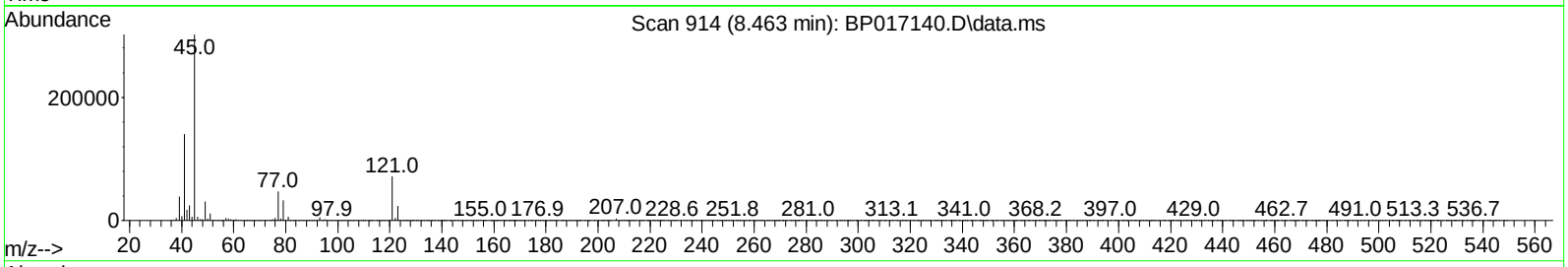
Quant Time: Sep 13 23:16:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

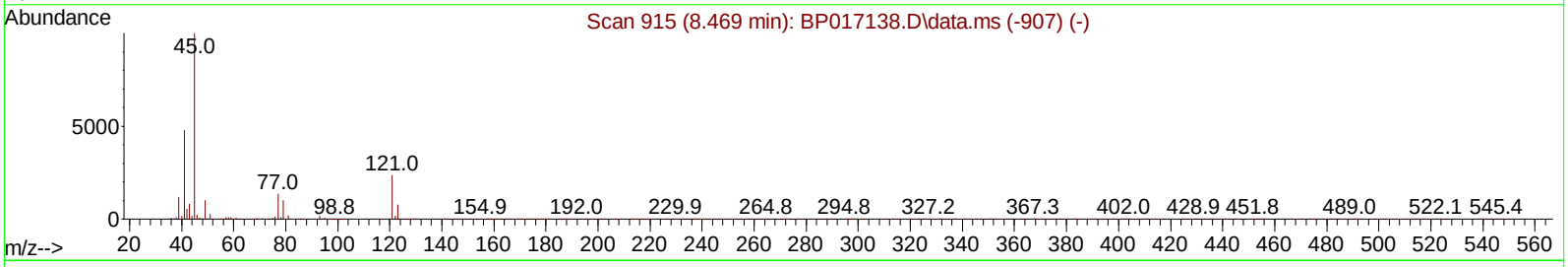
Instrument :
BNA_P
ClientSampleId :
SLCS418

Manual IntegrationsAPPROVED

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







TIC: BP017140.D\data.ms

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

8.463min (-0.006) 18.95 ng/ul

response 473264

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.49
79.00	11.00	11.00
0.00	0.00	0.00

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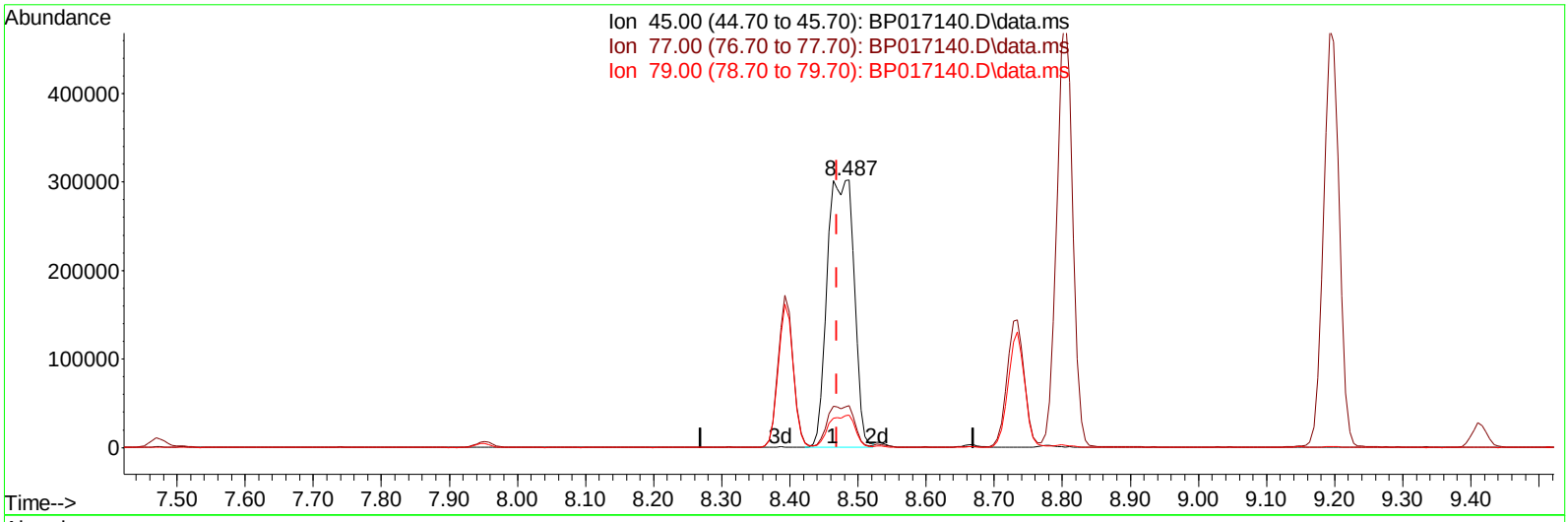

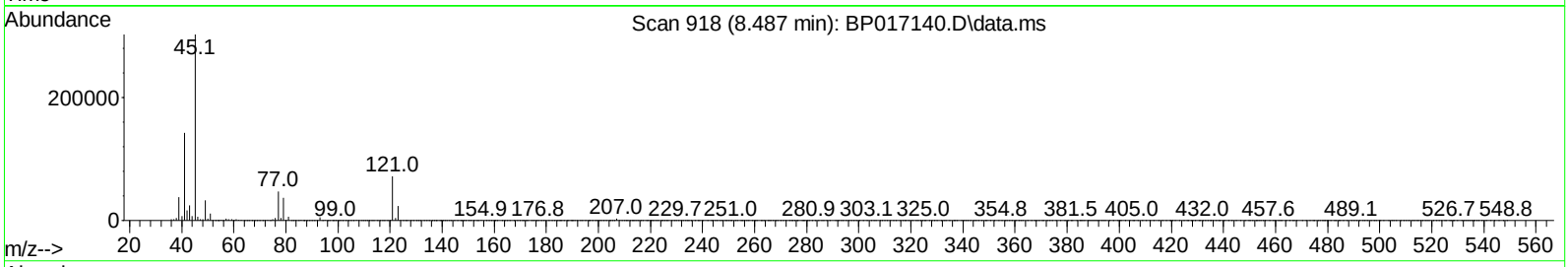

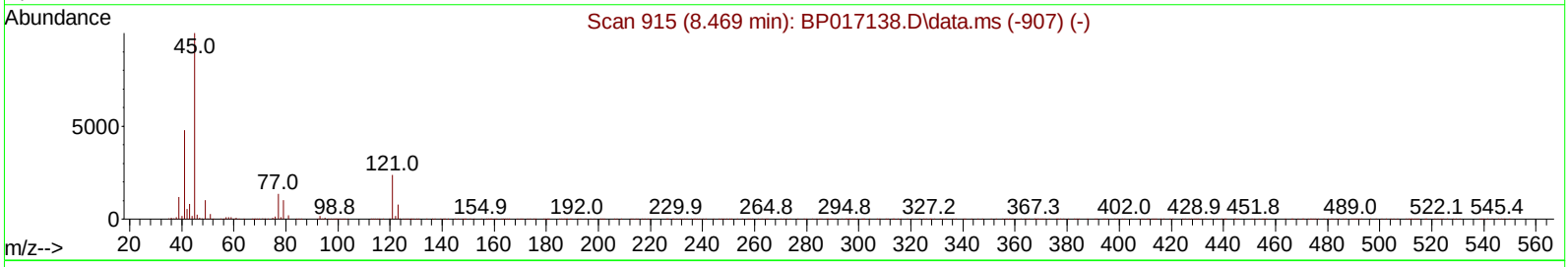

TIC: BP017140.D\data.ms

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

8.487min (+ 0.018) 33.19 ng/ul m

response 829033

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.66
79.00	11.00	12.24
0.00	0.00	0.00

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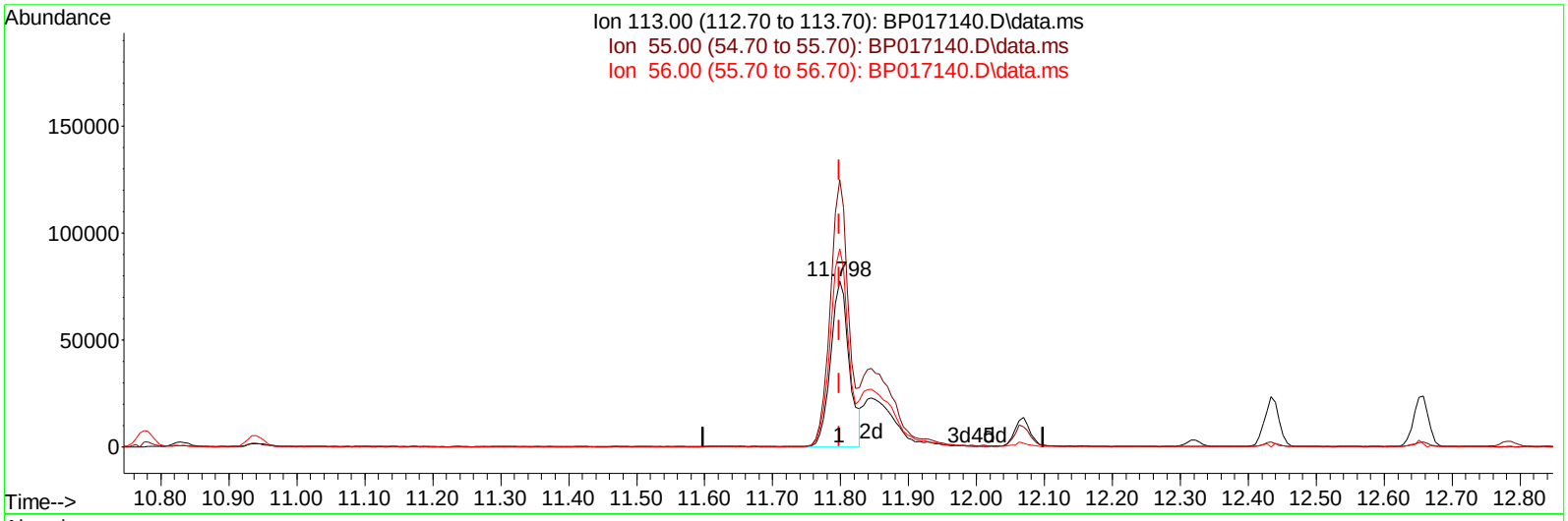

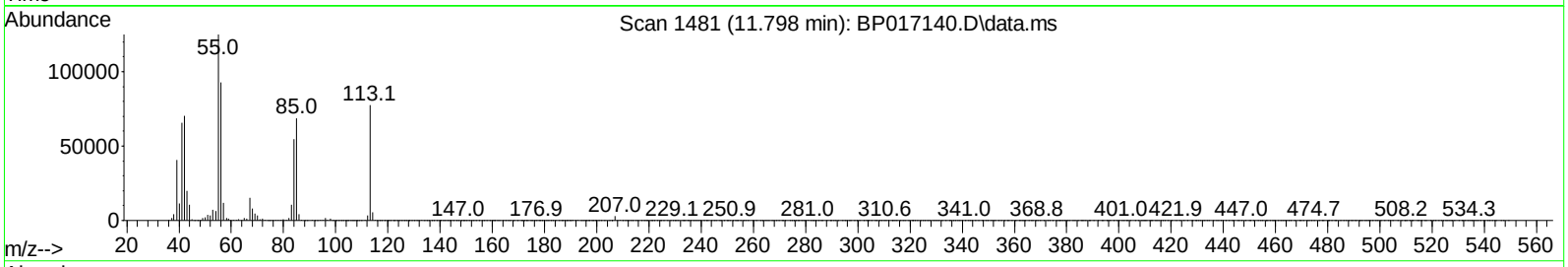

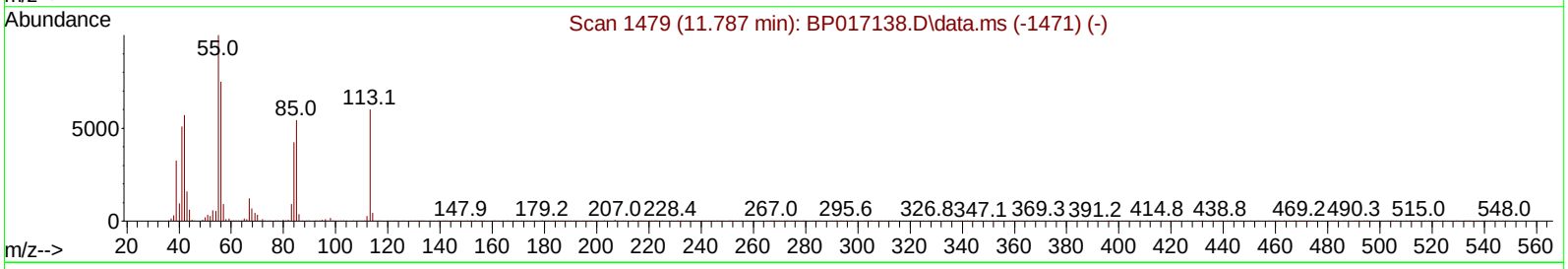

TIC: BP017140.D\data.ms

(34) Caprolactam

11.798min (+ 0.000) 27.87 ng/ul

response 148441

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	161.11
56.00	121.00	119.35
0.00	0.00	0.00

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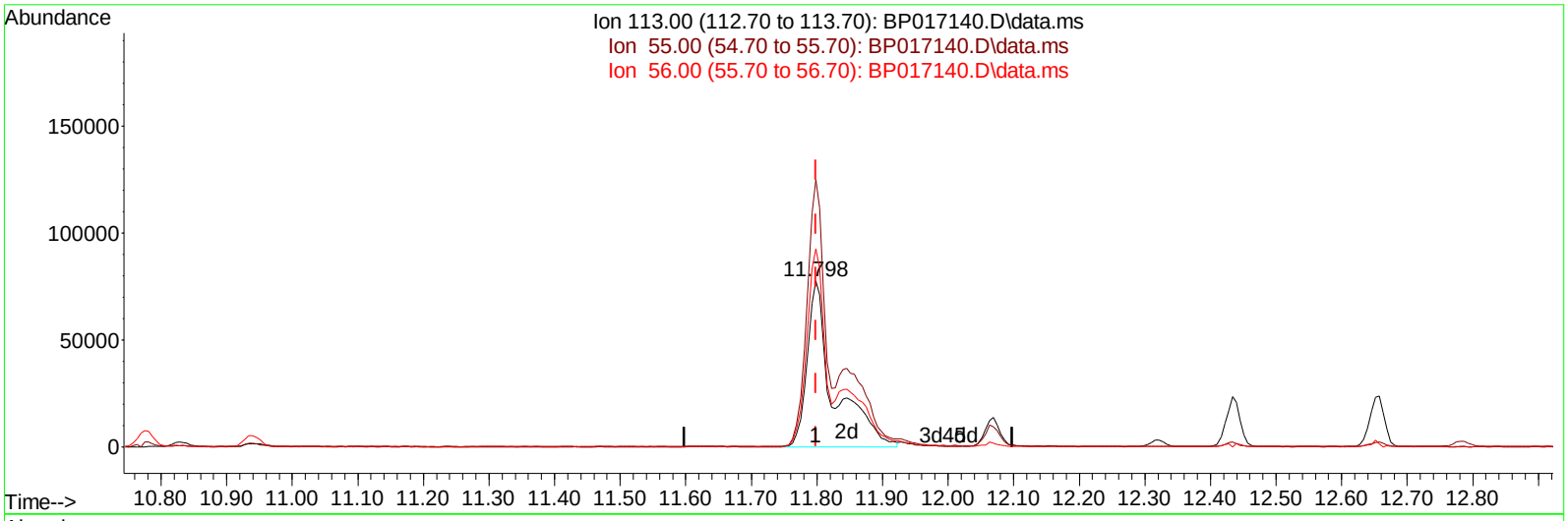

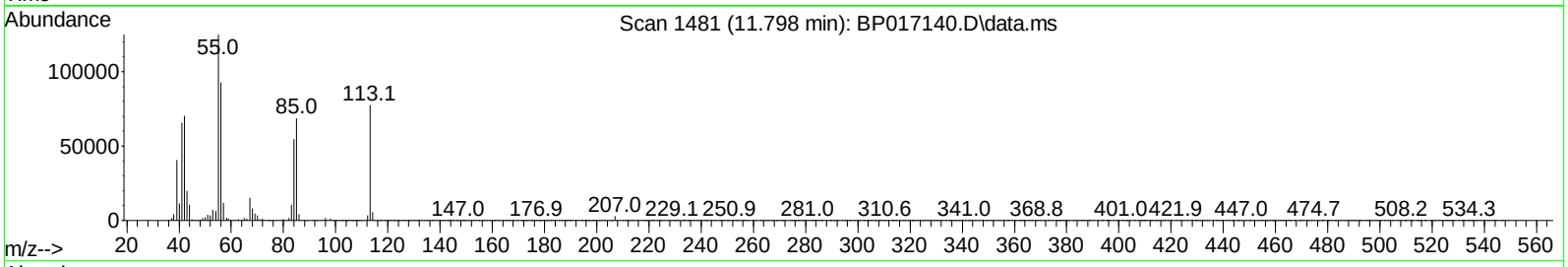

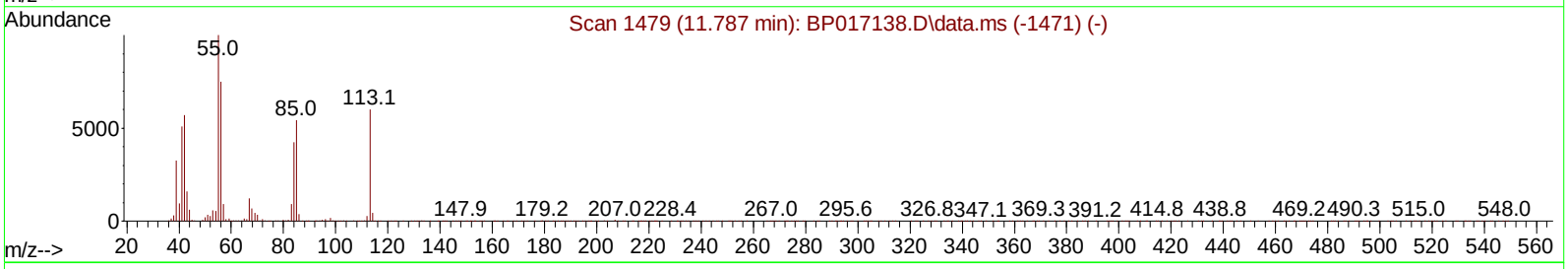

TIC: BP017140.D\data.ms

(34) Caprolactam

11.798min (+ 0.000) 41.08 ng/ul m

response 218819

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	161.11
56.00	121.00	119.35
0.00	0.00	0.00

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Quant Time: Sep 13 23:25:25 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	269434	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1158023	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	746143	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1703526	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1592766	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1524625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	42210	6.583	ng/uL	0.00
4) Pyridine-d5	3.746	84	583657	31.822	ng/ul	0.00
7) Phenol-d5	7.105	99	783580	35.766	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	463685	33.862	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	605199	34.627	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	622810	34.301	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	294693	36.342	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	330530	38.182	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	622592	37.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	769843	30.508	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1946505	36.659	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	2156015	35.785	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	374277	36.471	ng/ul	0.00
60) Fluorene-d10	15.610	176	1649390	35.926	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	369705	38.844	ng/ul	0.00
73) Anthracene-d10	17.486	188	2719338	37.571	ng/ul	0.00
81) Pyrene-d10	19.722	212	3240320	38.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	2714690	37.725	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	89887	13.038	ng/uL	92
5) Pyridine	3.769	79	570298	30.019	ng/ul	97
6) Benzaldehyde	7.110	77	388195	31.826	ng/ul	97
8) Phenol	7.134	94	836273	36.192	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	636683	34.547	ng/ul	99
12) 2-Chlorophenol	7.505	128	646363	36.435	ng/ul	99
13) 2-Methylphenol	8.393	108	616200	35.772	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	829033m	33.193	ng/ul	
16) Acetophenone	8.804	105	1007422	35.448	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	518055	35.473	ng/ul	99
18) 4-Methylphenol	8.734	108	684225	35.902	ng/ul	95
19) Hexachloroethane	9.016	117	259576	35.578	ng/ul	99
22) Nitrobenzene	9.193	77	767770	36.358	ng/ul	100
23) Isophorone	9.710	82	1438322	36.347	ng/ul	100
25) 2-Nitrophenol	9.899	139	369033	38.355	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	723014	36.873	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	885100	35.686	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	639446	37.733	ng/ul	98
30) Naphthalene	10.828	128	2090609	35.676	ng/ul	100
32) 4-Chloroaniline	10.963	127	690313	28.034	ng/ul	98
33) Hexachlorobutadiene	11.057	225	406791	35.351	ng/ul	97
34) Caprolactam	11.798	113	218819m	41.077	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	709176	38.677	ng/ul	97

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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	1426324	36.072	ng/ul	98
37) 1-Methylnaphthalene	12.657	142	1386943	34.652	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	797706	35.895	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	458547	33.117	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	523402	37.074	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	584004	38.910	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1945611	36.364	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1537950	36.197	ng/ul	99
45) 2-Nitroaniline	13.728	65	466812	40.561	ng/ul	99
47) Dimethylphthalate	14.075	163	2050505	38.042	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	416919	42.308	ng/ul	99
50) Acenaphthylene	14.345	152	2435079	34.986	ng/ul	100
51) 3-Nitroaniline	14.563	138	434518	41.218	ng/ul	96
52) Acenaphthene	14.681	153	1672511	36.313	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	251843	36.487	ng/ul	93
55) 4-Nitrophenol	14.851	109	309649	37.700	ng/ul	97
56) Dibenzofuran	15.016	168	2344938	36.842	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	622201	42.403	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	507512	38.544	ng/ul	98
59) Diethylphthalate	15.434	149	2056756	38.648	ng/ul	99
61) Fluorene	15.669	166	1948046	37.019	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	988538	36.949	ng/ul	97
63) 4-Nitroaniline	15.733	138	449919	45.908	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	388553	38.040	ng/ul#	95
67) N-Nitrosodiphenylamine	15.886	169	1687044	38.087	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	629327	38.756	ng/ul	95
69) Hexachlorobenzene	16.639	284	735588	38.272	ng/ul	100
70) Atrazine	16.839	200	251848	15.707	ng/ul	99
71) Pentachlorophenol	17.010	266	425469	34.062	ng/ul	99
72) Phenanthrene	17.428	178	3256412	38.038	ng/ul	100
74) Anthracene	17.522	178	3318609	38.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	79458	3.374	ng/uL	100
76) Pentachlorobenzene	14.904	250	831103	38.887	ng/uL	99
77) Carbazole	17.804	167	2975655	39.084	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3624255	41.774	ng/ul	100
80) Fluoranthene	19.392	202	3945534	40.411	ng/ul	100
82) Pyrene	19.751	202	4108296	39.823	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1632994	44.382	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.410	252	1310242	40.124	ng/ul	99
85) Benzo(a)anthracene	21.468	228	3944455	37.823	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2302789	44.585	ng/ul	99
87) Chrysene	21.527	228	3678604	37.920	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	3814077	45.117	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3670588	40.844	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3523697	39.441	ng/ul	100
93) Benzo(a)pyrene	23.904	252	3094344	37.113	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	3492766	37.831	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	2919166	37.640	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	2717804	38.069	ng/ul	99

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

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