Quantitation Report (Qedit)

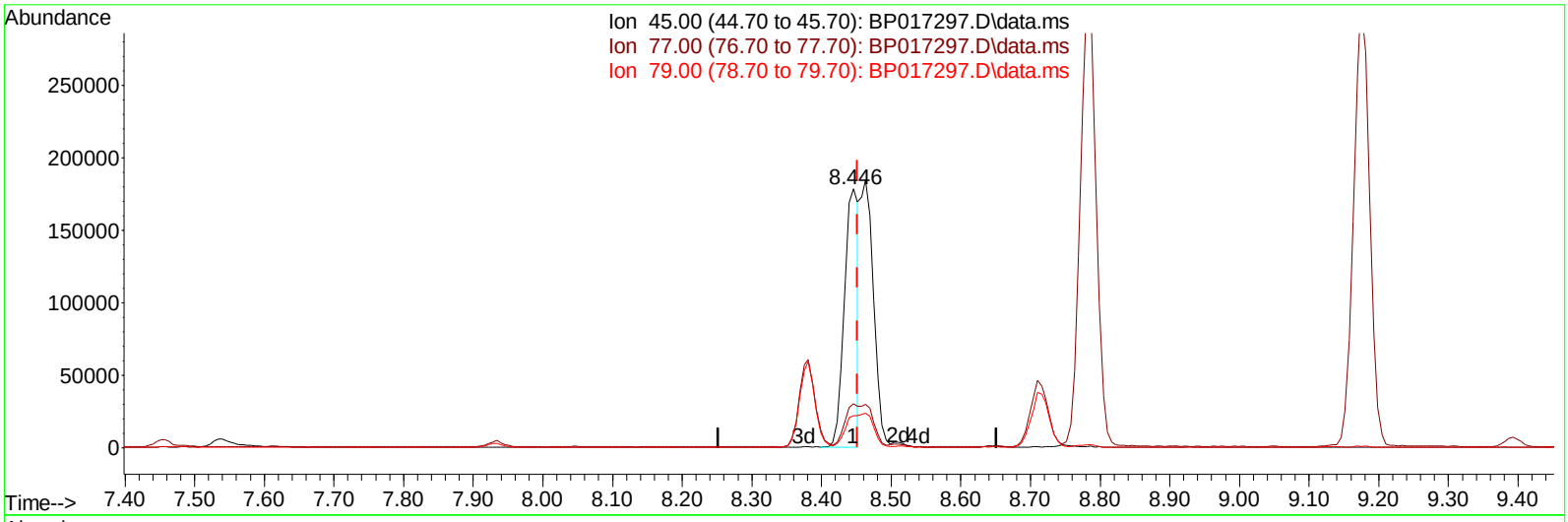
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017297.D
Acq On : 22 Sep 2023 21:08
Operator : MA/JU
Sample : 04410-12MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

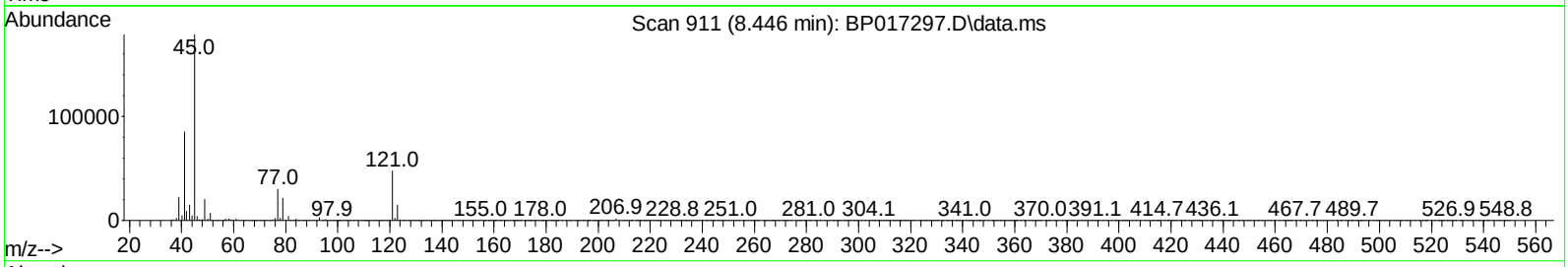
Quant Time: Sep 22 22:26:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

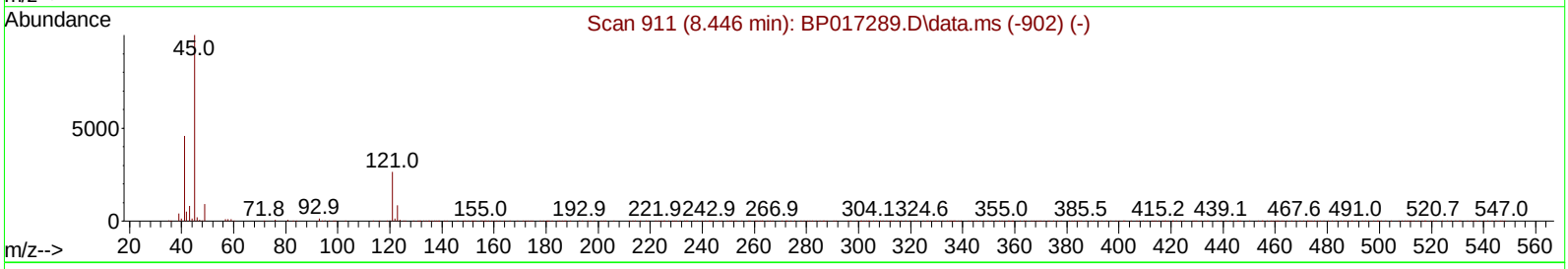
Instrument :
BNA_P
ClientSampleId :
BBJM0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023







TIC: BP017297.D\data.ms

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

8.446min (-0.006) 19.53 ng/ul

response 249681

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.92
79.00	11.80	12.29
0.00	0.00	0.00

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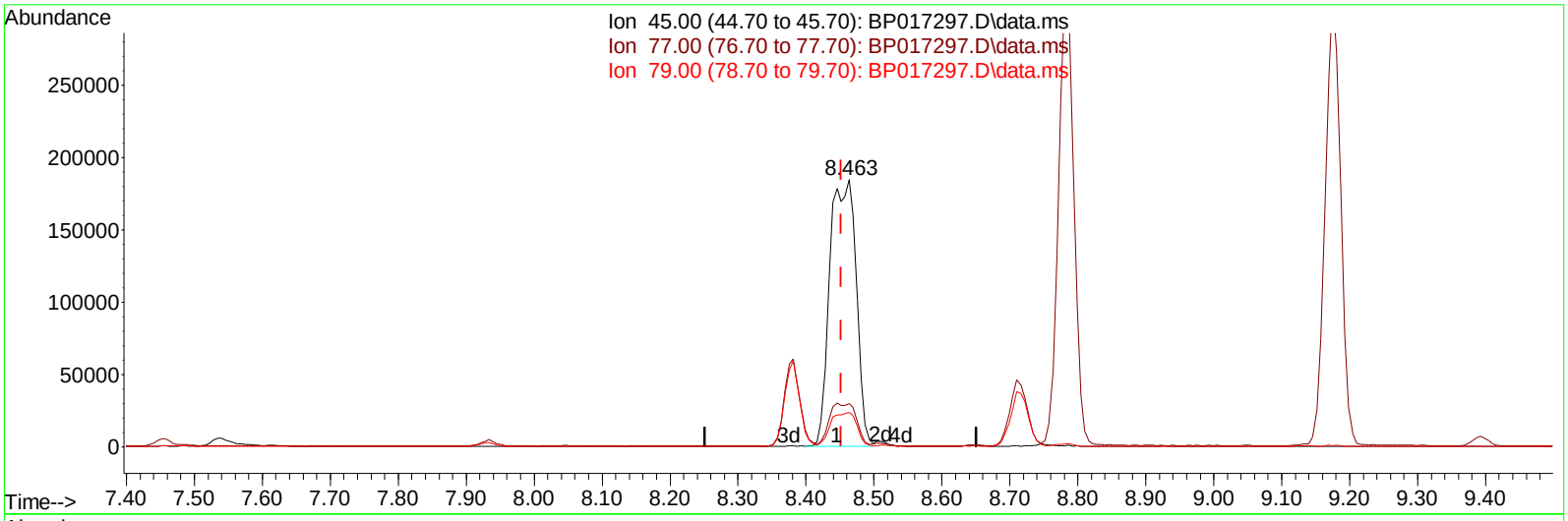

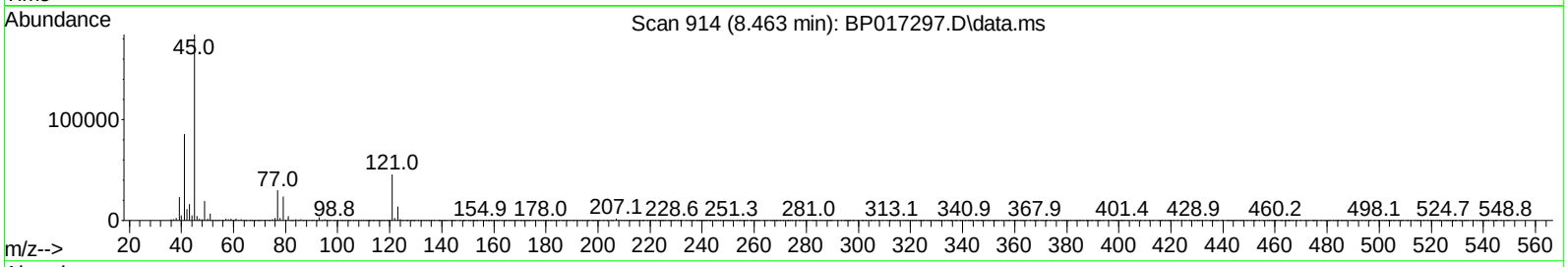

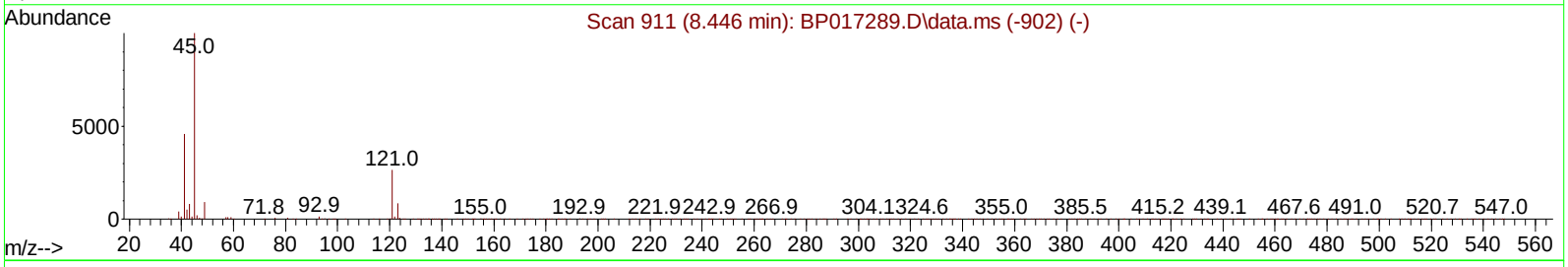

TIC: BP017297.D\data.ms

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

8.463min (+ 0.012) 38.59 ng/ul m

response 493352

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.25
79.00	11.80	12.99
0.00	0.00	0.00

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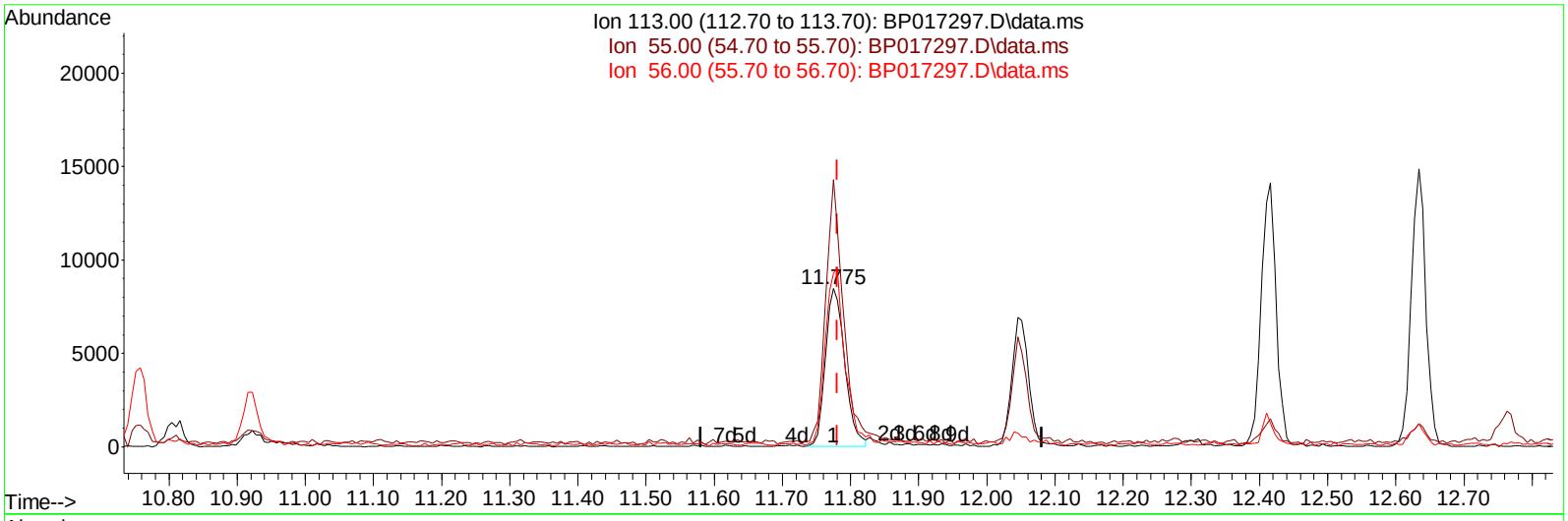

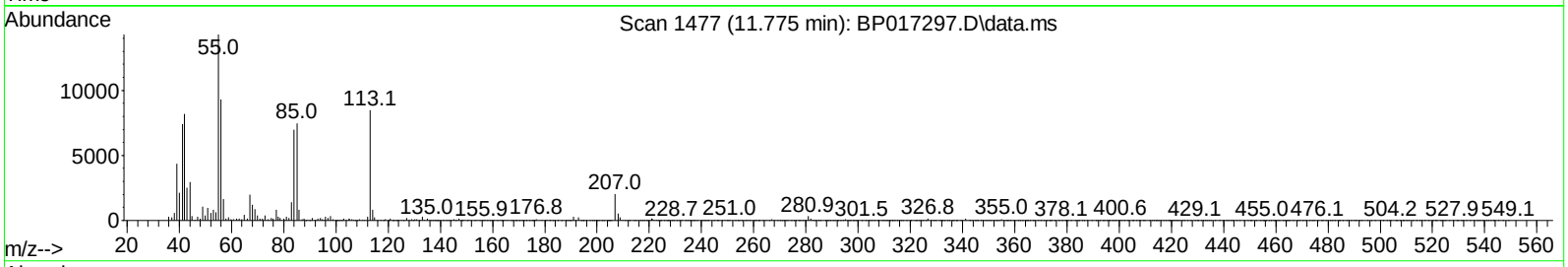

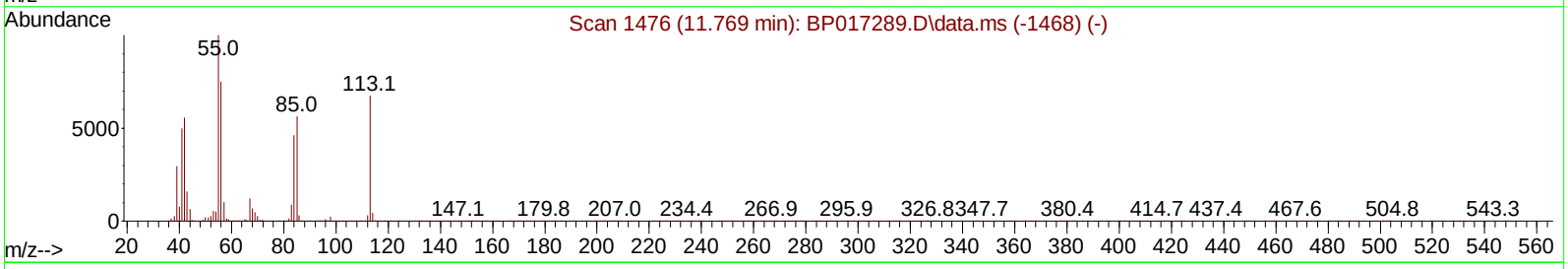

TIC: BP017297.D\data.ms

(34) Caprolactam

11.775min (-0.006) 6.47 ng/ul

response 16698

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	168.72
56.00	118.10	109.61
0.00	0.00	0.00

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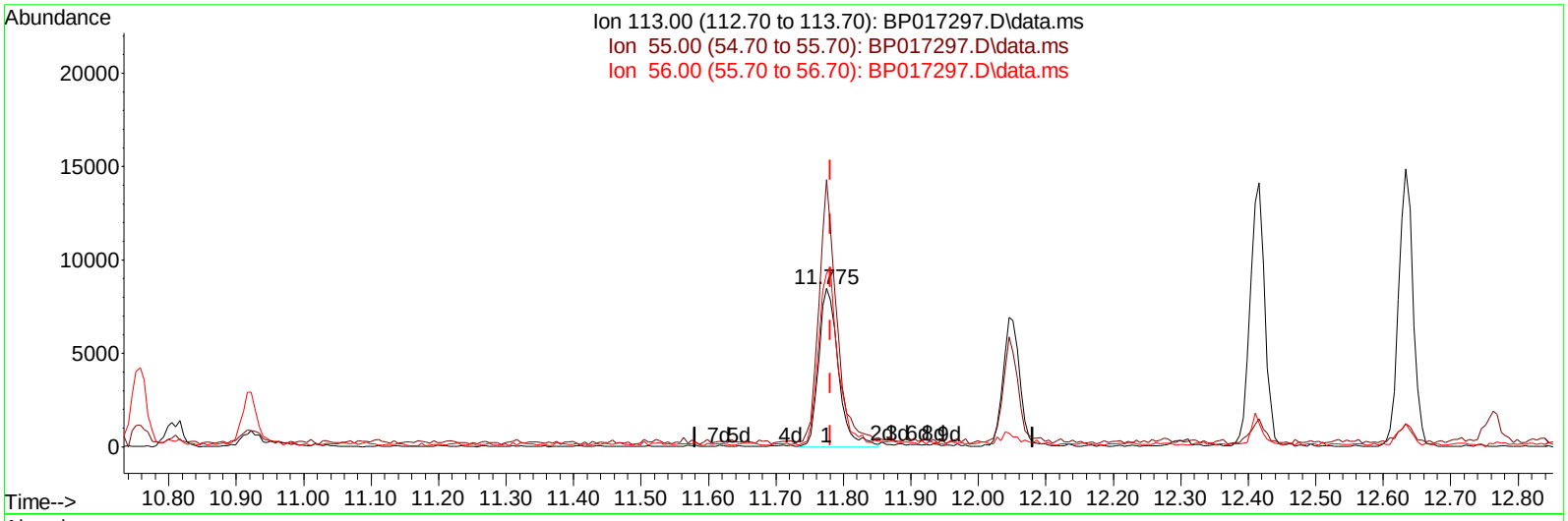

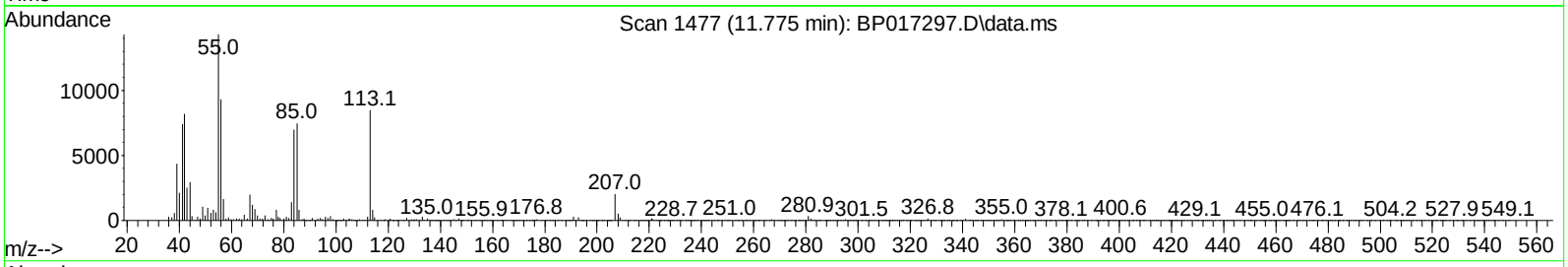

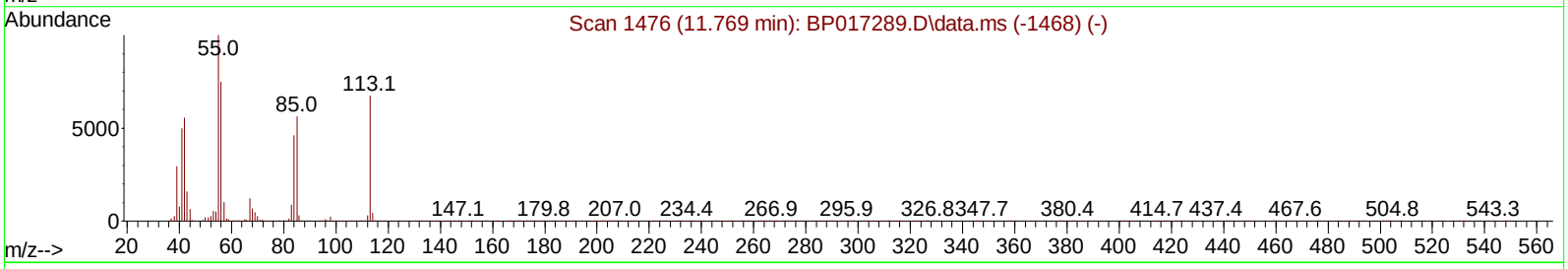

TIC: BP017297.D\data.ms

(34) Caprolactam

11.775min (-0.006) 6.68 ng/ul m

response 17262

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	168.72
56.00	118.10	109.61
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	151390	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	611253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	367793	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	824368	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	823055	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	895595	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	18240	4.949	ng/uL	0.00
4) Pyridine-d5	3.740	84	136974	13.293	ng/ul	0.00
7) Phenol-d5	7.093	99	93003	7.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	278801	37.156	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	288019	29.206	ng/ul	-0.01
15) 4-Methylphenol-d8	8.652	113	175620	18.168	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	183113	41.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	192702	40.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	343700	37.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	422915	32.206	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1228233	46.617	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1324749	43.717	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	42143	9.181	ng/ul	0.00
60) Fluorene-d10	15.592	176	1053959	46.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	212128	45.655	ng/ul	0.00
73) Anthracene-d10	17.469	188	1745039	47.729	ng/ul	0.00
81) Pyrene-d10	19.710	212	2156274	48.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2145291	49.751	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	26421	7.000	ng/uL	93
5) Pyridine	3.764	79	160824	15.034	ng/ul	98
6) Benzaldehyde	7.093	77	259808	40.946	ng/ul	98
8) Phenol	7.116	94	112367	8.985	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	418481	41.398	ng/ul	99
12) 2-Chlorophenol	7.487	128	325604	32.513	ng/ul	99
13) 2-Methylphenol	8.381	108	228322	24.674	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	493352m	38.589	ng/ul	
16) Acetophenone	8.781	105	639260	42.795	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	321353	43.106	ng/ul	98
18) 4-Methylphenol	8.710	108	215344	21.719	ng/ul	99
19) Hexachloroethane	8.999	117	134294	32.303	ng/ul	96
22) Nitrobenzene	9.175	77	487484	43.475	ng/ul	98
23) Isophorone	9.687	82	889917	44.290	ng/ul	100
25) 2-Nitrophenol	9.881	139	228446	43.937	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	323322	31.210	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	558846	43.085	ng/ul	96
29) 2,4-Dichlorophenol	10.399	162	374270	41.875	ng/ul	97
30) Naphthalene	10.810	128	1270322	39.913	ng/ul	99
32) 4-Chloroaniline	10.946	127	360503	28.648	ng/ul	97
33) Hexachlorobutadiene	11.034	225	214901	34.548	ng/ul	96
34) Caprolactam	11.775	113	17262m	6.684	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	369041	41.078	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	872556	42.004	ng/ul	98
37) 1-Methylnaphthalene	12.634	142	857779	40.395	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	492675	41.741	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	157806	23.624	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	332966	46.506	ng/ul	100
42) 2,4,5-Trichlorophenol	13.093	196	373539	49.799	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	1237636	44.352	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	979774	44.288	ng/ul	99
45) 2-Nitroaniline	13.710	65	299912	55.186	ng/ul	98
47) Dimethylphthalate	14.057	163	1357529	51.149	ng/ul	98
48) 2,6-Dinitrotoluene	14.204	165	273357	59.298	ng/ul	93
50) Acenaphthylene	14.322	152	1587574	44.803	ng/ul	100
51) 3-Nitroaniline	14.545	138	276766	55.789	ng/ul	93
52) Acenaphthene	14.657	153	1097204	46.885	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	142226	49.322	ng/ul	96
55) 4-Nitrophenol	14.839	109	36530	10.187	ng/ul	95
56) Dibenzofuran	14.998	168	1583070	49.398	ng/ul	97
57) 2,4-Dinitrotoluene	14.987	165	410848	60.505	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	325082	51.076	ng/ul	93
59) Diethylphthalate	15.410	149	1393122	54.296	ng/ul	98
61) Fluorene	15.651	166	1338053	51.388	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	663079	50.248	ng/ul	98
63) 4-Nitroaniline	15.716	138	299356	67.611	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	240792	48.040	ng/ul#	99
67) N-Nitrosodiphenylamine	15.869	169	1132387	49.939	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	425652	51.396	ng/ul	99
69) Hexachlorobenzene	16.622	284	496705	51.686	ng/ul	100
70) Atrazine	16.822	200	121049	14.900	ng/ul	98
71) Pentachlorophenol	16.992	266	273427	46.060	ng/ul	98
72) Phenanthrene	17.410	178	2247487	52.052	ng/ul	99
74) Anthracene	17.504	178	2258327	51.608	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	50331	3.978	ng/uL	94
76) Pentachlorobenzene	14.887	250	557293	46.629	ng/uL	99
77) Carbazole	17.792	167	2116276	54.371	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2574910	60.161	ng/ul	99
80) Fluoranthene	19.380	202	2803981	54.018	ng/ul	99
82) Pyrene	19.733	202	2894406	52.453	ng/ul	99
83) Butylbenzylphthalate	20.598	149	1232533	62.996	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	603498	33.749	ng/ul	100
85) Benzo(a)anthracene	21.457	228	2918135	52.533	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1779615	62.982	ng/ul	98
87) Chrysene	21.510	228	2732610	52.271	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	3074827	62.415	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	2983855	56.509	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	2851288	53.523	ng/ul	100
93) Benzo(a)pyrene	23.874	252	2596516	51.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	3394604	53.606	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	2830981	53.675	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	2731174	53.483	ng/ul	99

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

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