Quantitation Report (Qedit)

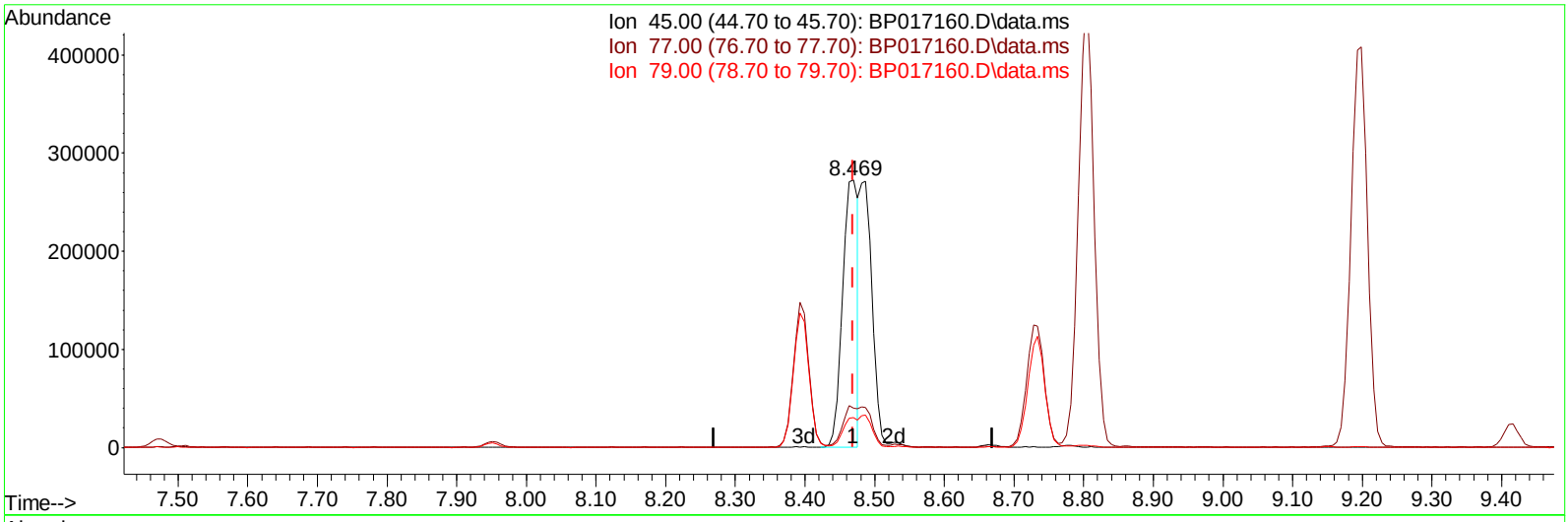
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017160.D
Acq On : 13 Sep 2023 21:28
Operator : MA/JU
Sample : PB155421BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

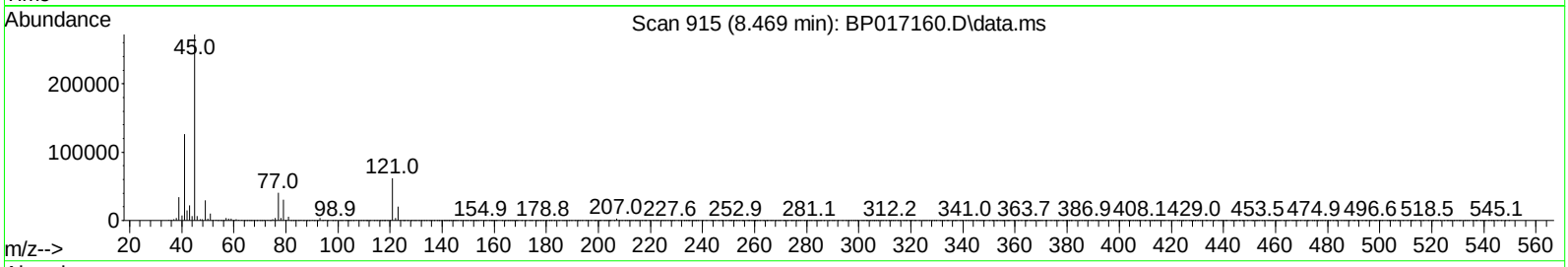
Quant Time: Sep 13 23:21:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

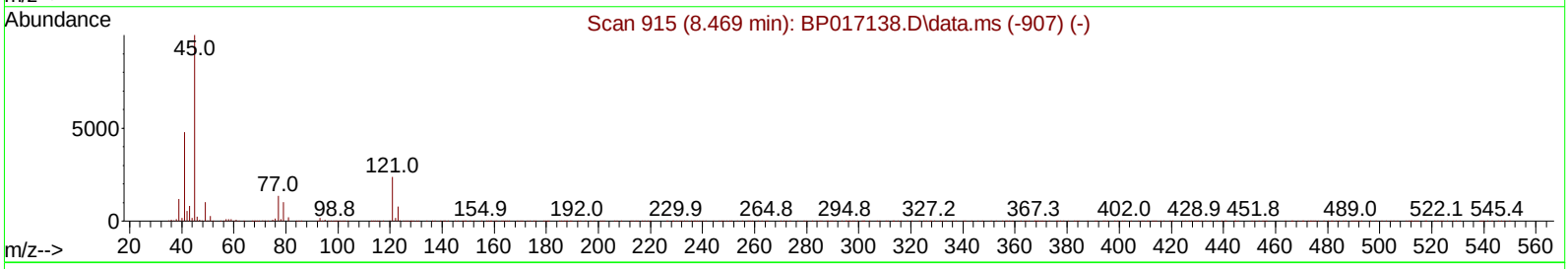
Instrument :
BNA_P
ClientSampleId :
SLCS421

Manual IntegrationsAPPROVED

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







TIC: BP017160.D\data.ms

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

8.469min (+ 0.000) 20.25 ng/ul

response 423456

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.79
79.00	11.00	11.16
0.00	0.00	0.00

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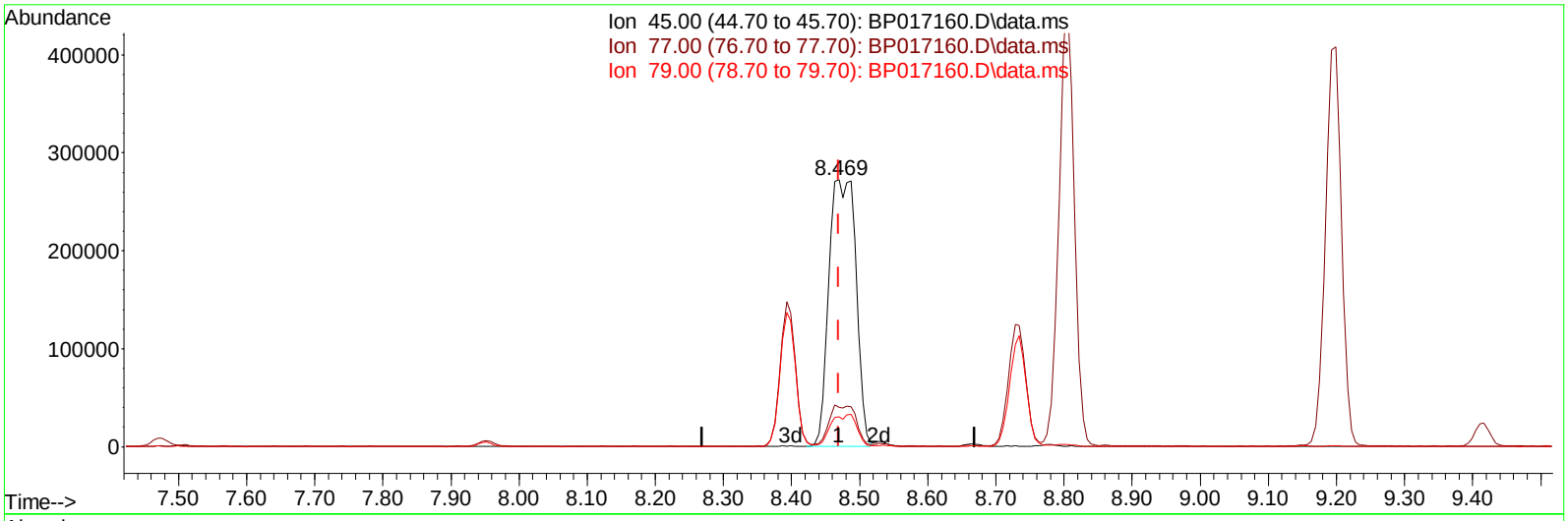

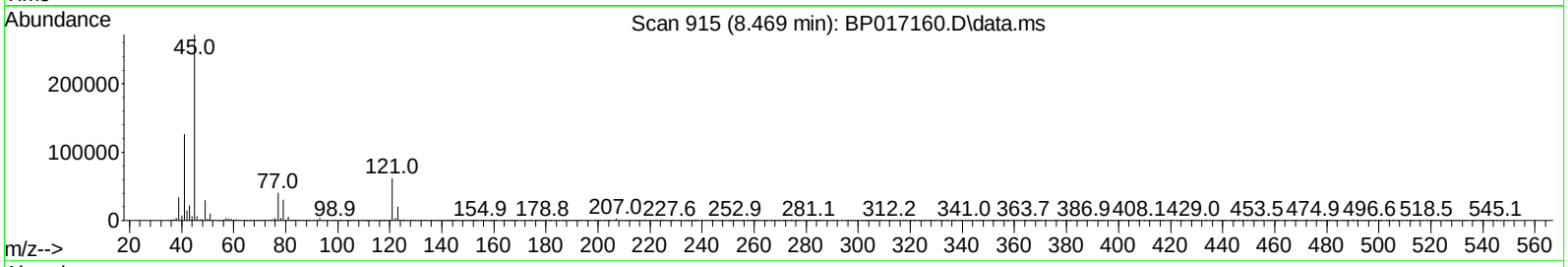

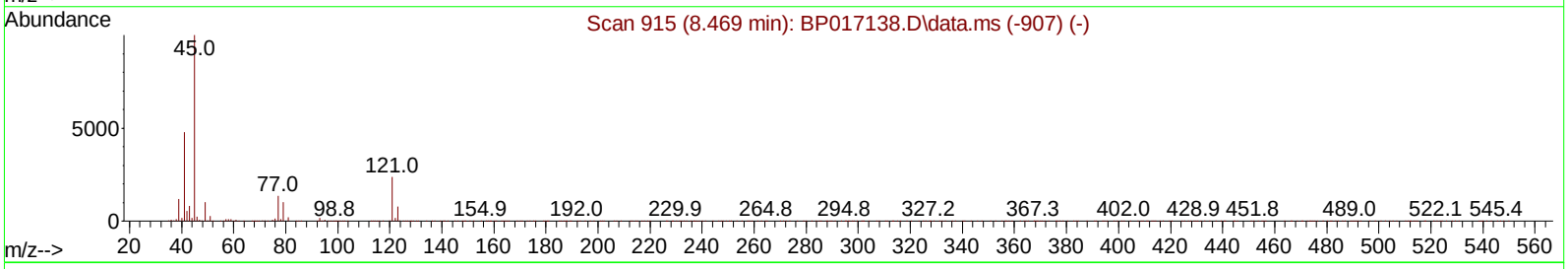

TIC: BP017160.D\data.ms

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

8.469min (+ 0.000) 35.96 ng/ul m

response 751970

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.79
79.00	11.00	11.16
0.00	0.00	0.00

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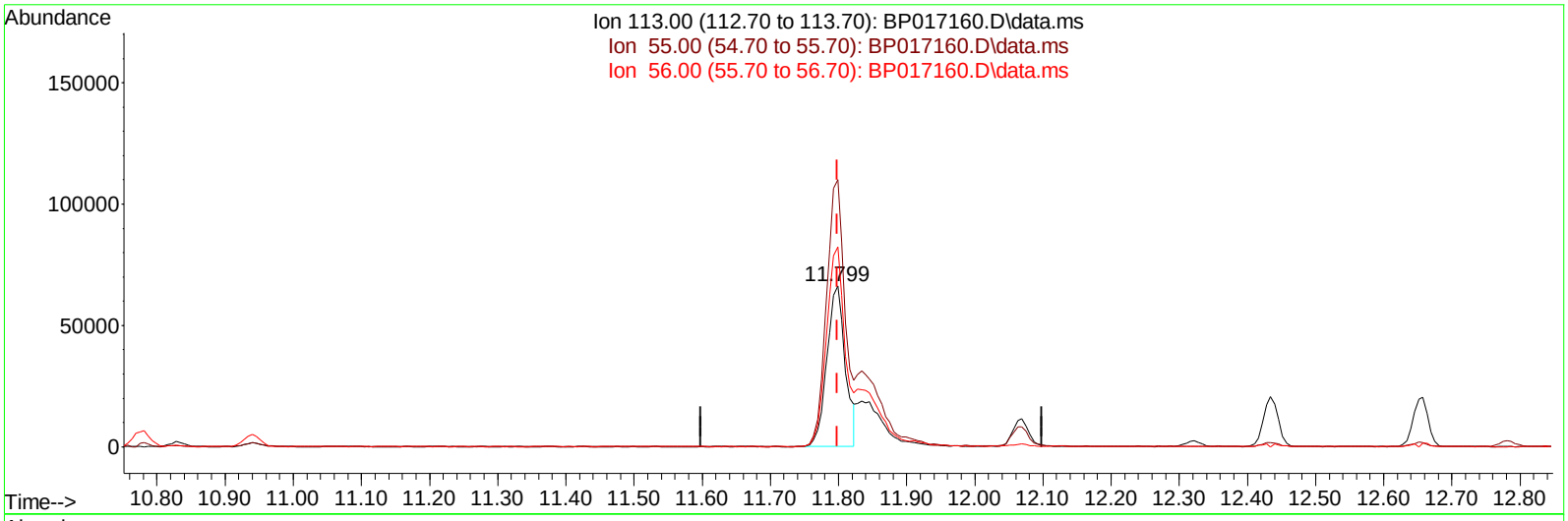

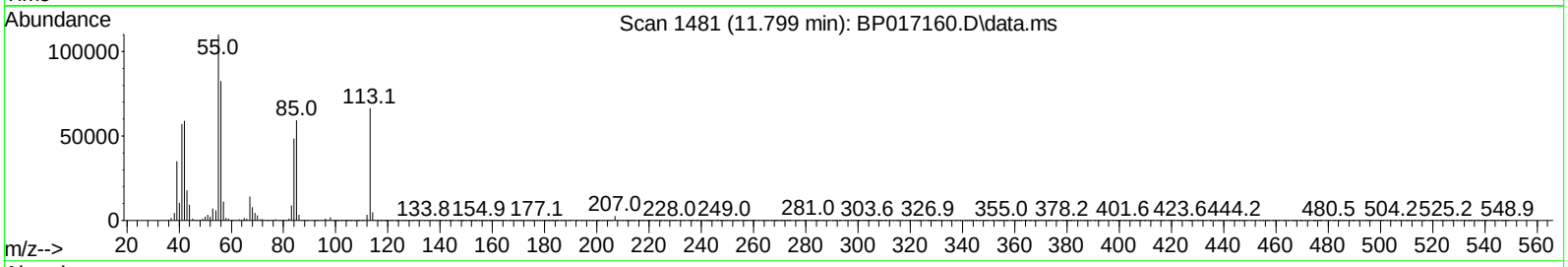

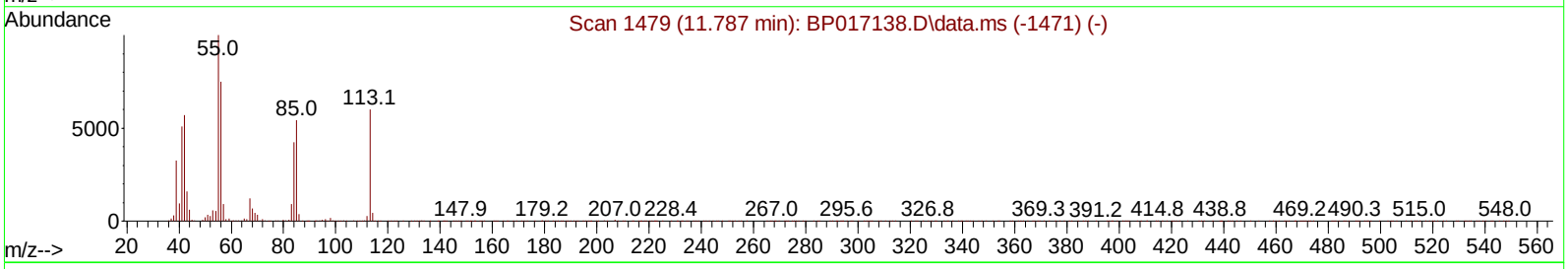

TIC: BP017160.D\data.ms

(34) Caprolactam

11.799min (+ 0.000) 27.86 ng/ul

response 123722

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	165.79
56.00	121.00	123.95
0.00	0.00	0.00

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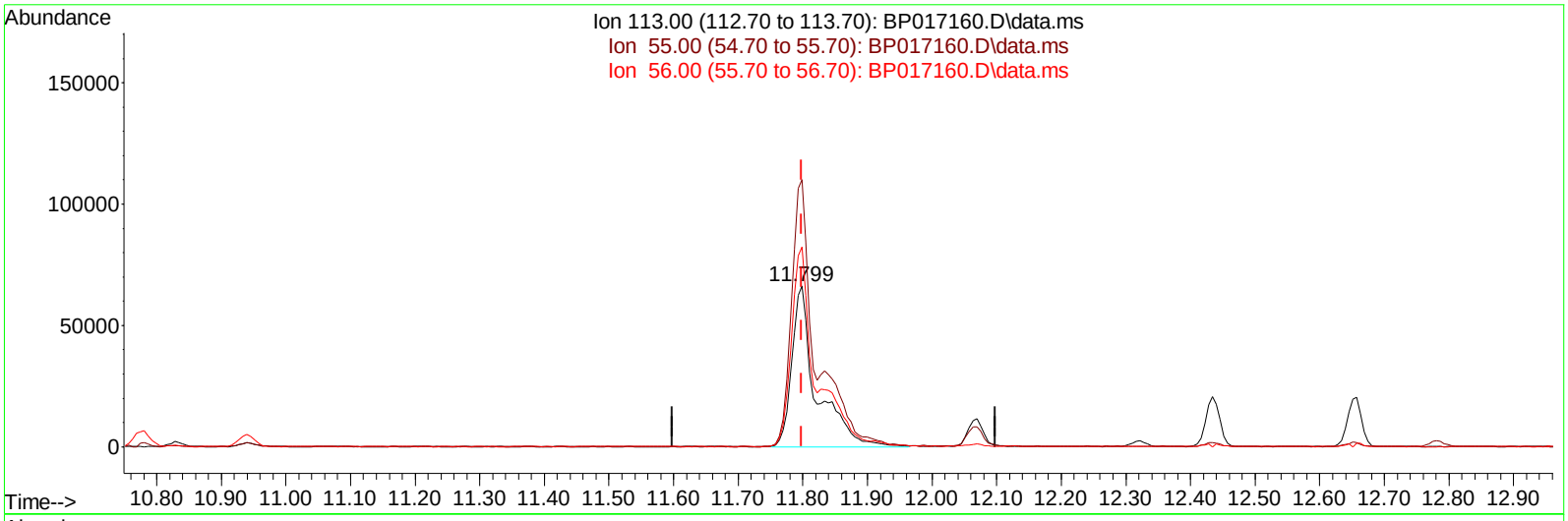

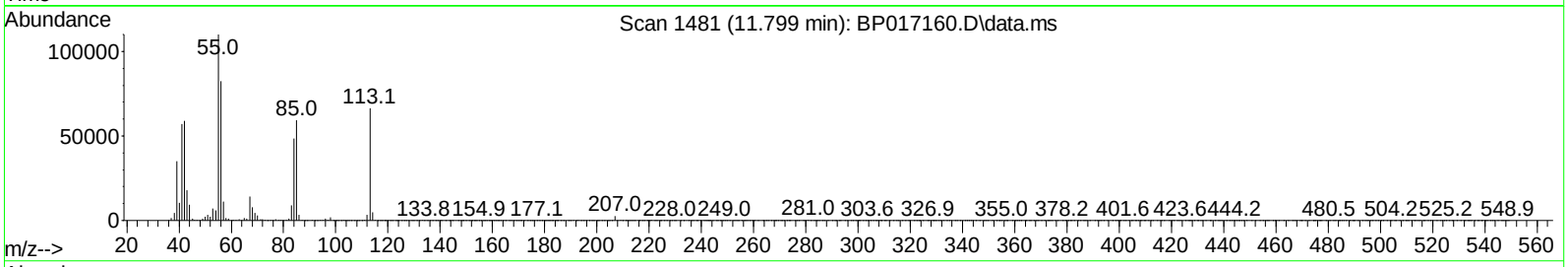

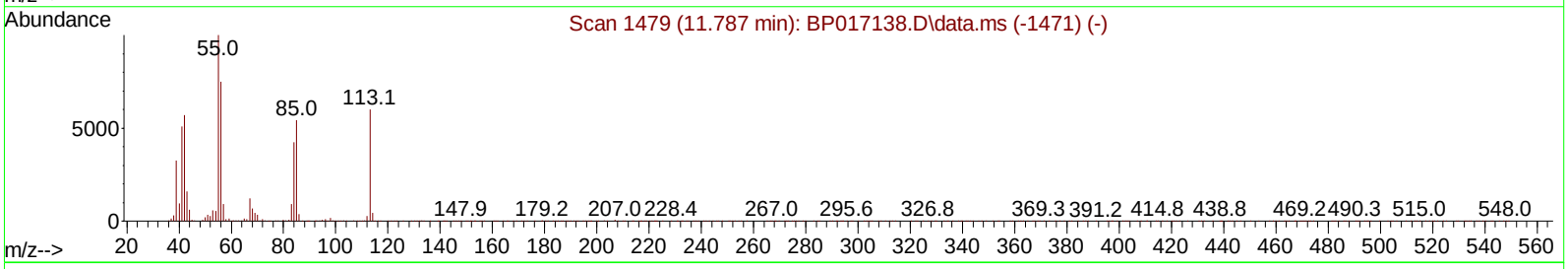

TIC: BP017160.D\data.ms

(34) Caprolactam

11.799min (+ 0.000) 39.67 ng/ul m

response 176179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	165.79
56.00	121.00	123.95
0.00	0.00	0.00

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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	225607	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	965535	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	612840	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1325598	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1183217	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	1043295	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	33835	6.302	ng/uL	0.00
4) Pyridine-d5	3.746	84	514608	33.508	ng/ul	0.00
7) Phenol-d5	7.105	99	657778	35.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	404647	35.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	509455	34.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	519318	34.158	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	246976	36.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	272303	37.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	522081	37.401	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	707858	33.644	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1582145	36.279	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1764008	35.648	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	278571	33.050	ng/ul	0.00
60) Fluorene-d10	15.610	176	1337462	35.469	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	270701	36.551	ng/ul	0.00
73) Anthracene-d10	17.481	188	2112310	37.504	ng/ul	0.00
81) Pyrene-d10	19.722	212	2462697	39.686	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1890147	38.385	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	77947	13.502	ng/uL	94
5) Pyridine	3.764	79	502141	31.566	ng/ul	97
6) Benzaldehyde	7.111	77	344290	33.710	ng/ul	99
8) Phenol	7.134	94	719544	37.190	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	566490	36.710	ng/ul	98
12) 2-Chlorophenol	7.505	128	557211	37.511	ng/ul	99
13) 2-Methylphenol	8.393	108	527438	36.567	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	751970m	35.957	ng/ul	
16) Acetophenone	8.805	105	885929	37.229	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	458198	37.469	ng/ul	99
18) 4-Methylphenol	8.734	108	581457	36.437	ng/ul	97
19) Hexachloroethane	9.016	117	226036	36.999	ng/ul	96
22) Nitrobenzene	9.199	77	676334	38.413	ng/ul	98
23) Isophorone	9.710	82	1263484	38.294	ng/ul	99
25) 2-Nitrophenol	9.899	139	317076	39.525	ng/ul	99
26) 2,4-Dimethylphenol	9.940	107	607049	37.130	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.199	93	782028	37.816	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	545510	38.607	ng/ul	99
30) Naphthalene	10.828	128	1813438	37.116	ng/ul	99
32) 4-Chloroaniline	10.963	127	601910	29.317	ng/ul	99
33) Hexachlorobutadiene	11.057	225	362462	37.778	ng/ul	97
34) Caprolactam	11.799	113	176179m	39.666	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	595059	38.923	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	1229714	37.300	ng/ul	99
37) 1-Methylnaphthalene	12.651	142	1193458	35.763	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	687883	37.686	ng/ul	100
40) Hexachlorocyclopentadiene	12.734	237	380952	33.498	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	438696	37.834	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	482465	39.137	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	1671854	38.044	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	1319542	37.811	ng/ul	99
45) 2-Nitroaniline	13.728	65	389638	41.220	ng/ul	99
47) Dimethylphthalate	14.075	163	1705070	38.514	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	333708	41.230	ng/ul	99
50) Acenaphthylene	14.340	152	2059302	36.023	ng/ul	100
51) 3-Nitroaniline	14.557	138	342038	39.503	ng/ul	98
52) Acenaphthene	14.675	153	1416133	37.435	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	186658	32.926	ng/ul	97
55) 4-Nitrophenol	14.845	109	246739	36.575	ng/ul	98
56) Dibenzofuran	15.016	168	1985559	37.981	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	501978	41.651	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	405265	37.474	ng/ul	98
59) Diethylphthalate	15.434	149	1733329	39.656	ng/ul	99
61) Fluorene	15.663	166	1639431	37.931	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	840815	38.264	ng/ul	99
63) 4-Nitroaniline	15.728	138	350285	43.516	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	302819	38.099	ng/ul#	95
67) N-Nitrosodiphenylamine	15.881	169	1402700	40.696	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	522186	41.326	ng/ul	96
69) Hexachlorobenzene	16.640	284	601552	40.221	ng/ul	99
70) Atrazine	16.834	200	208506	16.712	ng/ul	98
71) Pentachlorophenol	17.004	266	329484	33.898	ng/ul	98
72) Phenanthrene	17.422	178	2628985	39.465	ng/ul	99
74) Anthracene	17.516	178	2654950	39.350	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.399	216	67989	3.710	ng/uL	98
76) Pentachlorobenzene	14.904	250	706348	42.472	ng/uL	100
77) Carbazole	17.804	167	2374870	40.086	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2938674	43.529	ng/ul	100
80) Fluoranthene	19.392	202	3103684	42.792	ng/ul	100
82) Pyrene	19.751	202	3221481	42.035	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1266066	46.320	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	955782	39.401	ng/ul	99
85) Benzo(a)anthracene	21.463	228	3049872	39.367	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1834756	47.819	ng/ul	99
87) Chrysene	21.522	228	2858269	39.662	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2951684	51.024	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2621527	42.629	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	2653202	43.399	ng/ul	100
93) Benzo(a)pyrene	23.892	252	2250736	39.450	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.680	276	2554711	40.437	ng/ul	98
95) Dibenzo(a,h)anthracene	26.704	278	2156795	40.640	ng/ul	100
96) Benzo(g,h,i)perylene	27.521	276	2014349	41.233	ng/ul	97

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

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