Quantitation Report (Qedit)

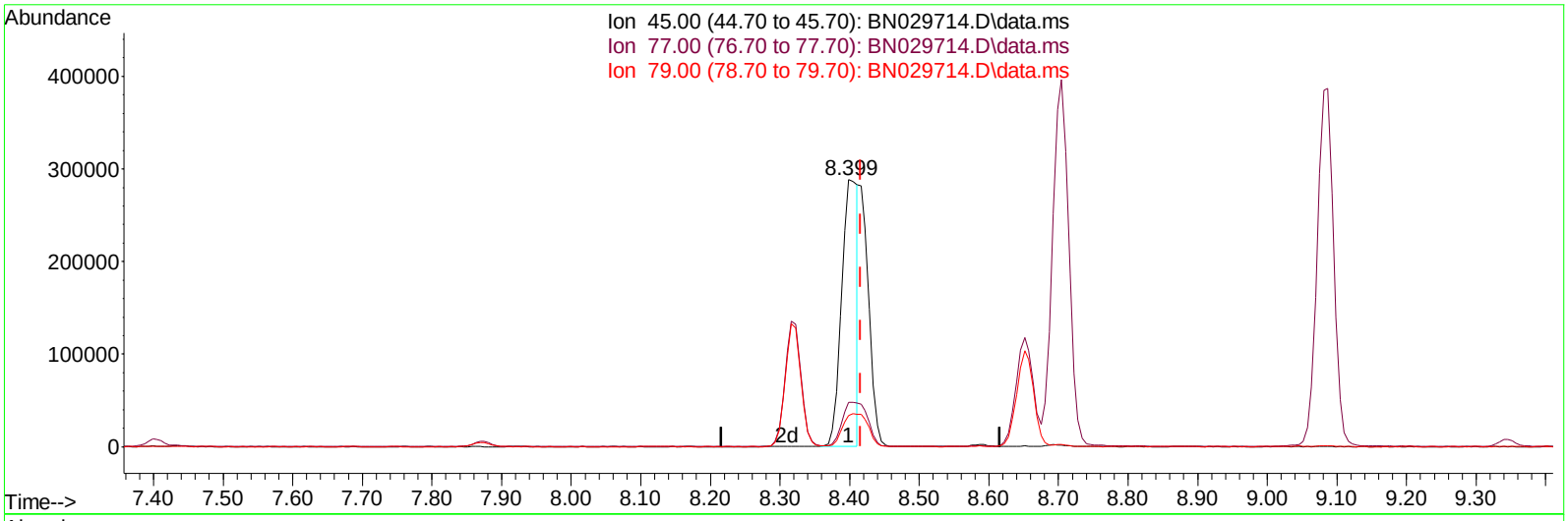
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021224\
Data File : BN029714.D
Acq On : 12 Feb 2024 15:23
Operator : MA/JU
Sample : PB158956BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

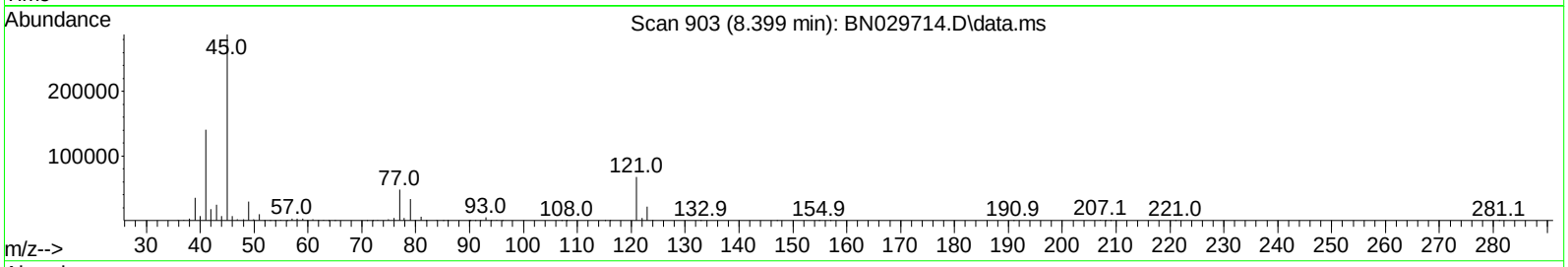
Quant Time: Feb 12 15:51:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

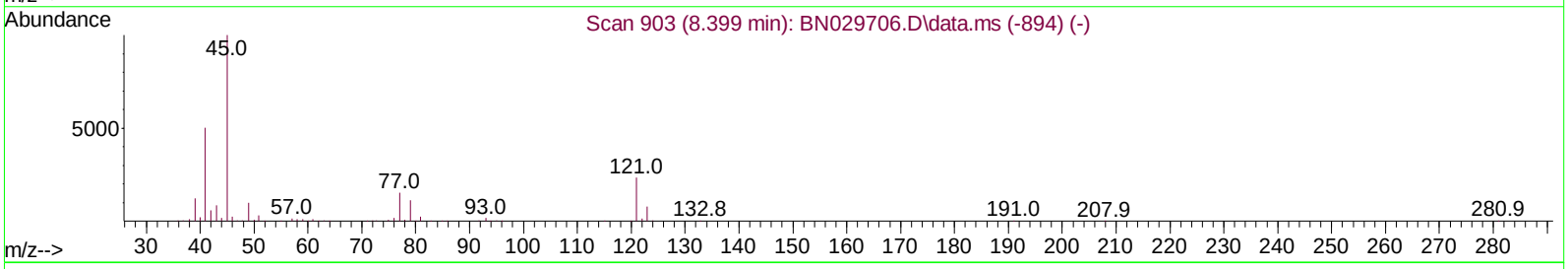
Instrument :
BNA_N
ClientSampleId :
SLCS956

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/13/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029714.D\data.ms

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

8.399min (-0.018) 19.23 ng/ul

response 463233

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.90	16.53
79.00	11.80	11.62
0.00	0.00	0.00

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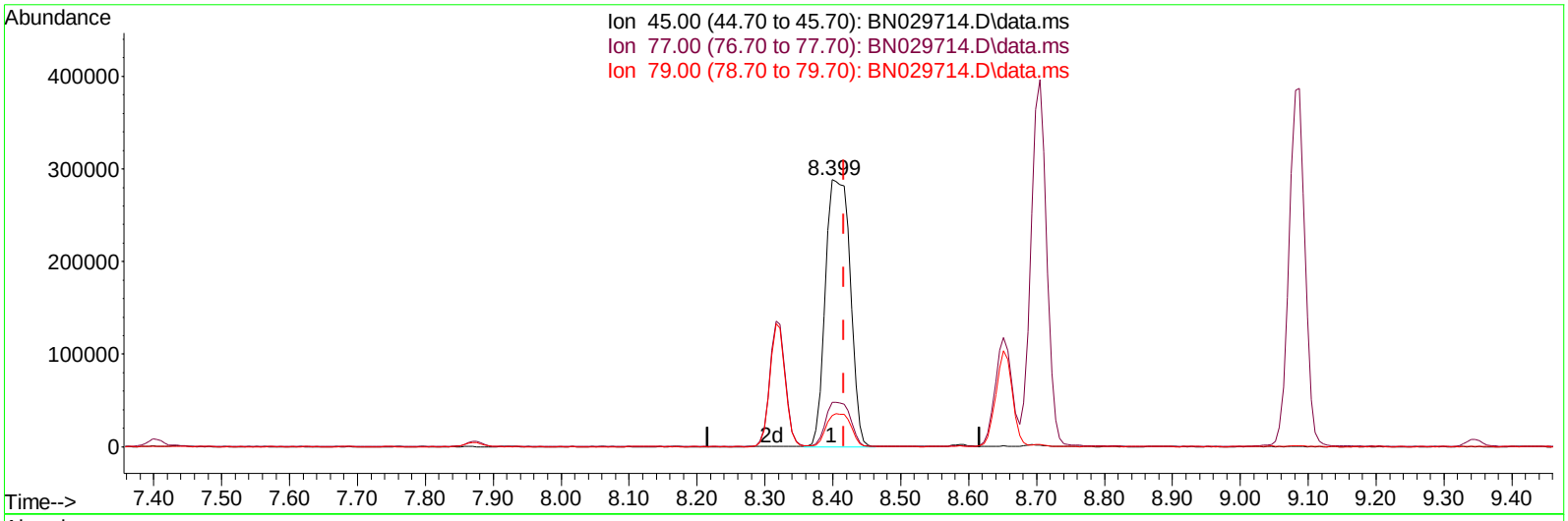

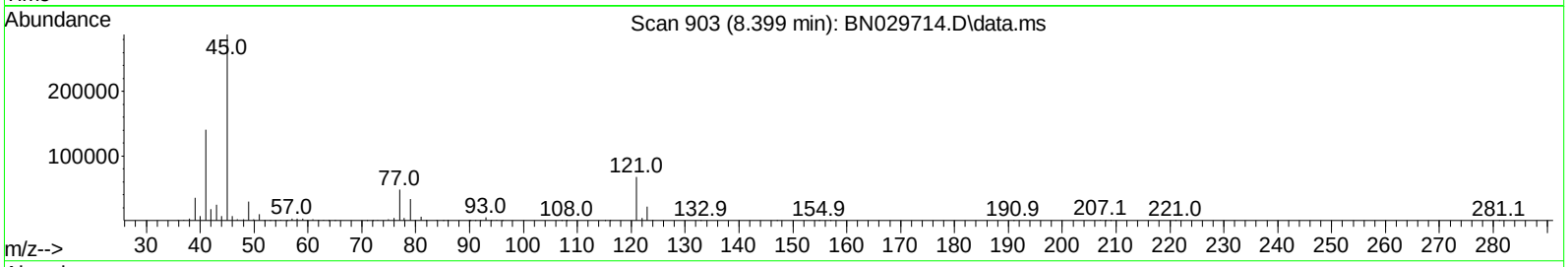

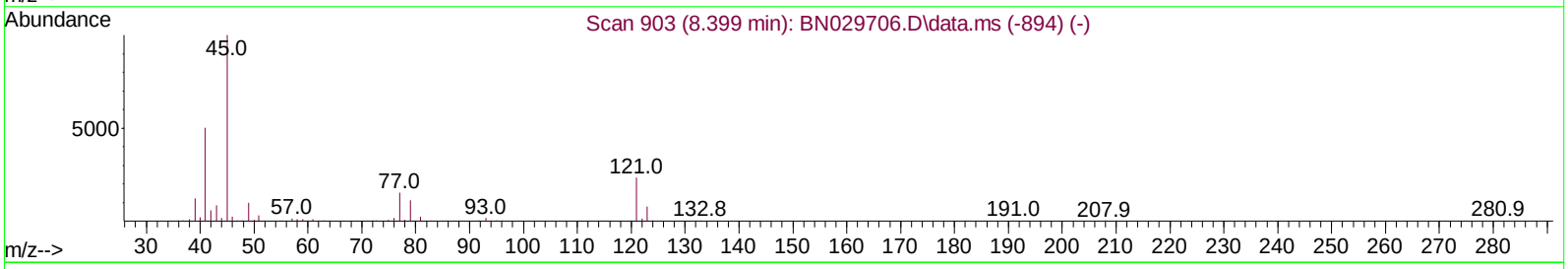

TIC: BN029714.D\data.ms

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

8.399min (-0.018) 30.45 ng/ul m

response 733797

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.90	16.53
79.00	11.80	11.62
0.00	0.00	0.00

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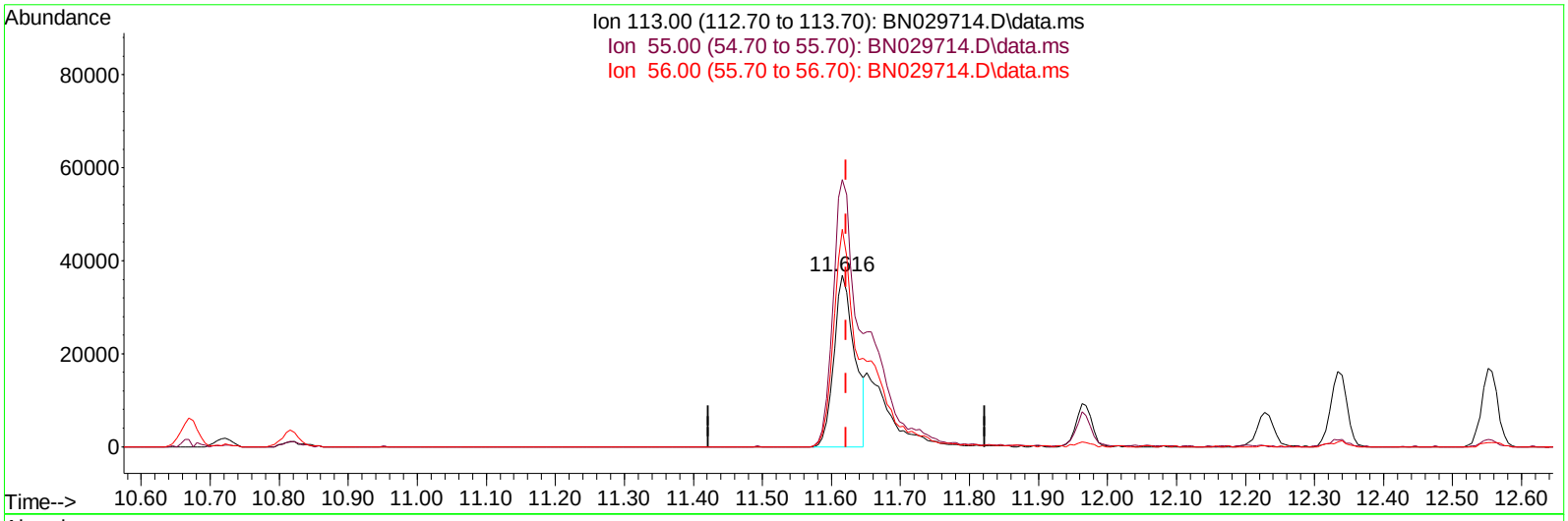

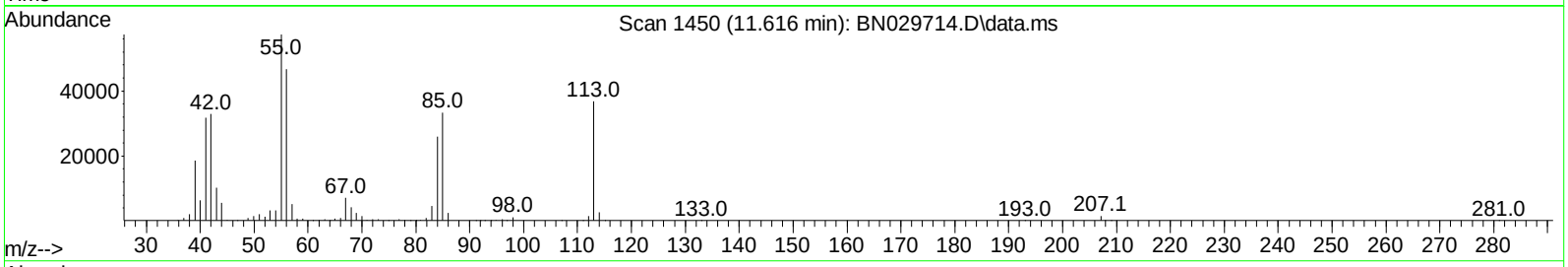

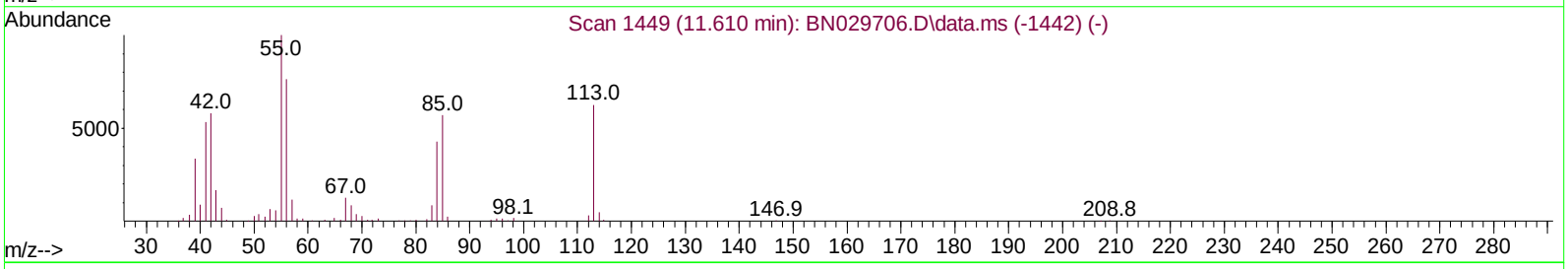

TIC: BN029714.D\data.ms

(34) Caprolactam

11.616min (-0.006) 18.72 ng/ul

response 77145

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	155.78
56.00	129.20	126.92
0.00	0.00	0.00

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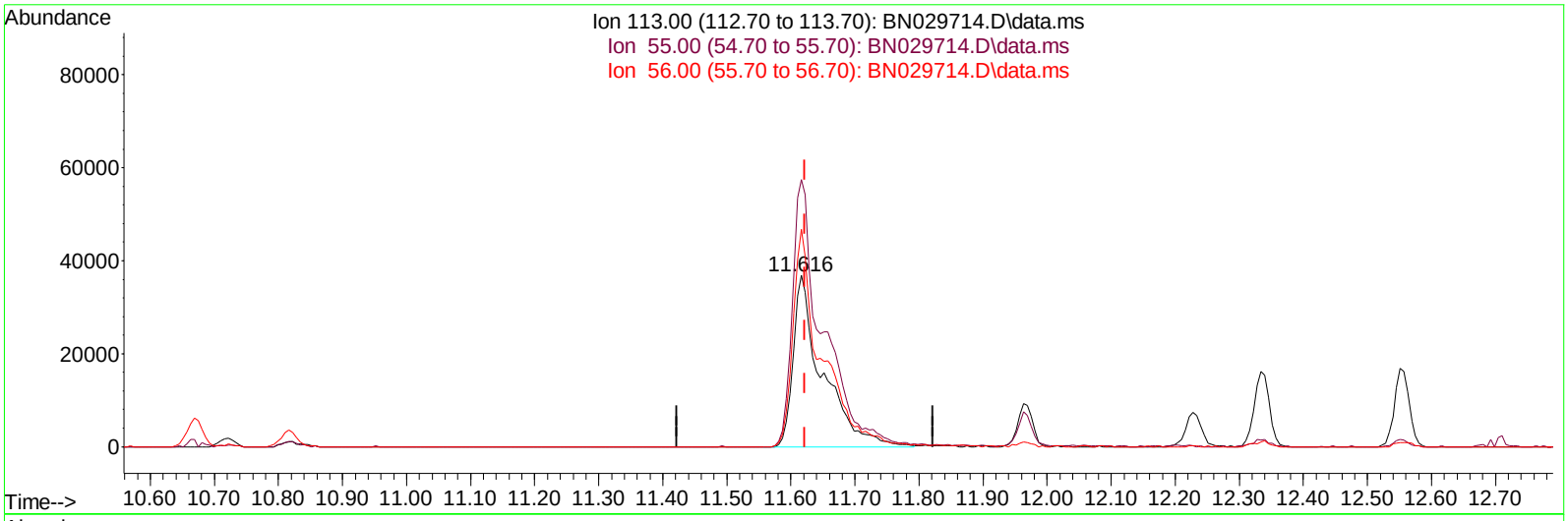

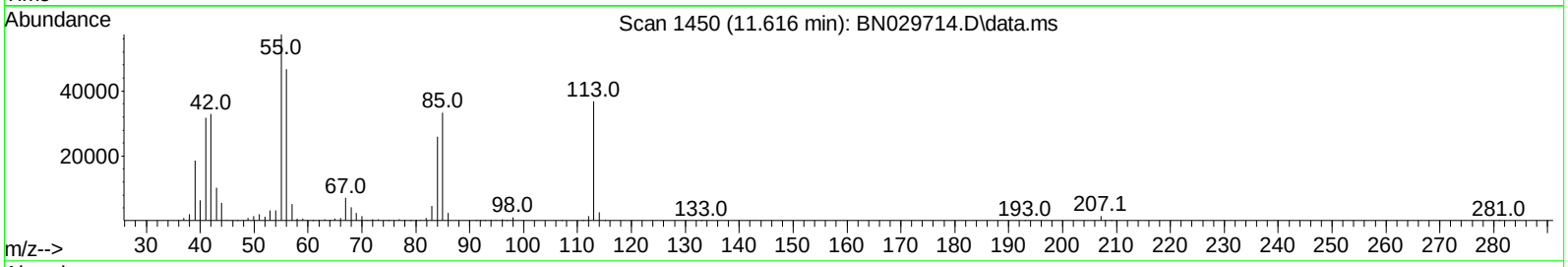

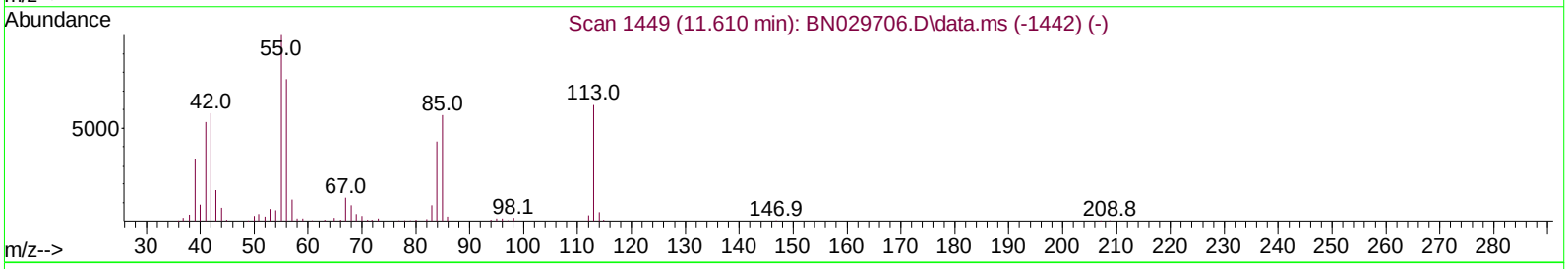

TIC: BN029714.D\data.ms

(34) Caprolactam

11.616min (-0.006) 28.35 ng/ul m

response 116819

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	155.78
56.00	129.20	126.92
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/13/2024
Supervised By :mohammad ahmed 02/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	228865	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.669	136	898207	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.516	164	437422	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.269	188	747404	20.000	ng/ul	-0.01
79) Chrysene-d12	21.469	240	600856	20.000	ng/ul	-0.01
88) Perylene-d12	23.839	264	696953	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	40466	5.816	ng/uL	0.00
4) Pyridine-d5	3.728	84	542246	29.222	ng/ul	-0.01
7) Phenol-d5	7.040	99	638241	29.815	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	418391	29.285	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	489704	31.568	ng/ul	-0.02
15) 4-Methylphenol-d8	8.587	113	465815	29.177	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	230118	33.010	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	219890	36.217	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.293	165	391594	32.676	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	533858	26.112	ng/ul	-0.02
46) Dimethylphthalate-d6	13.940	166	1005514	30.876	ng/ul	-0.01
49) Acenaphthylene-d8	14.210	160	1247239	32.249	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	168931	27.330	ng/ul	0.00
60) Fluorene-d10	15.510	176	829679	29.947	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.639	200	120555	33.103	ng/ul	0.00
73) Anthracene-d10	17.369	188	1101220	31.438	ng/ul	-0.01
81) Pyrene-d10	19.669	212	1197146	33.201	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	1160594	33.279	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	86166	11.956	ng/uL	97
5) Pyridine	3.752	79	568049	29.590	ng/ul	95
6) Benzaldehyde	7.022	77	330321	34.423	ng/ul	97
8) Phenol	7.069	94	674593	30.748	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.311	93	569998	30.897	ng/ul	98
12) 2-Chlorophenol	7.434	128	530627	32.603	ng/ul	98
13) 2-Methylphenol	8.316	108	480418	30.345	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.399	45	733797m	30.455	ng/ul	
16) Acetophenone	8.705	105	777829	30.612	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	417206	31.803	ng/ul	99
18) 4-Methylphenol	8.652	108	512368	30.626	ng/ul	98
19) Hexachloroethane	8.940	117	233880	30.966	ng/ul	98
22) Nitrobenzene	9.087	77	638453	32.323	ng/ul	98
23) Isophorone	9.605	82	1099911	31.969	ng/ul	98
25) 2-Nitrophenol	9.793	139	248976	35.910	ng/ul	97
26) 2,4-Dimethylphenol	9.852	107	498900	30.025	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.099	93	694009	31.740	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	408000	32.948	ng/ul	97
30) Naphthalene	10.722	128	1615985	31.476	ng/ul	99
32) 4-Chloroaniline	10.840	127	458728	22.729	ng/ul	98
33) Hexachlorobutadiene	10.993	225	255536	33.437	ng/ul	95
34) Caprolactam	11.616	113	116819m	28.350	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	456359	31.906	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/13/2024
Supervised By :mohammad ahmed 02/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	1006950	31.995	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	973195	31.191	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.698	216	430356	33.192	ng/ul	96
40) Hexachlorocyclopentadiene	12.675	237	247200	29.168	ng/ul	93
41) 2,4,6-Trichlorophenol	12.946	196	253494	33.920	ng/ul	100
42) 2,4,5-Trichlorophenol	13.016	196	276278	32.901	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	1194341	32.376	ng/ul	98
44) 2-Chloronaphthalene	13.393	162	941451	32.837	ng/ul	98
45) 2-Nitroaniline	13.604	65	281954	33.450	ng/ul	97
47) Dimethylphthalate	13.987	163	1043157	31.292	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	202980	34.027	ng/ul	98
50) Acenaphthylene	14.240	152	1501665	32.353	ng/ul	100
51) 3-Nitroaniline	14.434	138	202319	29.141	ng/ul	98
52) Acenaphthene	14.581	153	978349	31.909	ng/ul	96
53) 2,4-Dinitrophenol	14.640	184	84784	28.007	ng/ul	96
55) 4-Nitrophenol	14.740	109	157875	27.933	ng/ul	96
56) Dibenzofuran	14.916	168	1254165	30.976	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	277214	33.008	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.140	232	183870	30.852	ng/ul	99
59) Diethylphthalate	15.357	149	1057907	30.894	ng/ul	100
61) Fluorene	15.569	166	986296	30.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	461076	32.211	ng/ul	95
63) 4-Nitroaniline	15.598	138	211146	33.696	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	132295	32.951	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	814042	34.952	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	257488	36.398	ng/ul	92
69) Hexachlorobenzene	16.563	284	270421	33.914	ng/ul	100
70) Atrazine	16.739	200	121339	16.675	ng/ul	98
71) Pentachlorophenol	16.916	266	133771	28.888	ng/ul	98
72) Phenanthrene	17.310	178	1449416	33.525	ng/ul	98
74) Anthracene	17.404	178	1442011	33.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	421638	38.444	ng/uL	95
76) Pentachlorobenzene	14.828	250	357924	36.446	ng/uL	99
77) Carbazole	17.681	167	1291937	32.599	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1612631	33.838	ng/ul	99
80) Fluoranthene	19.333	202	1471854	33.603	ng/ul	99
82) Pyrene	19.698	202	1550384	33.459	ng/ul	98
83) Butylbenzylphthalate	20.622	149	648883	34.360	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.398	252	381161	32.751	ng/ul	97
85) Benzo(a)anthracene	21.457	228	1416039	32.081	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.404	149	975826	33.406	ng/ul	99
87) Chrysene	21.510	228	1394943	33.722	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1652612	30.590	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1475827	33.619	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1509037	33.585	ng/ul	99
93) Benzo(a)pyrene	23.739	252	1411087	33.518	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.298	276	1715563	33.465	ng/ul	95
95) Dibenzo(a,h)anthracene	26.315	278	1427925	34.118	ng/ul	97
96) Benzo(g,h,i)perylene	27.051	276	1450022	33.818	ng/ul	98

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

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