Quantitation Report (Qedit)

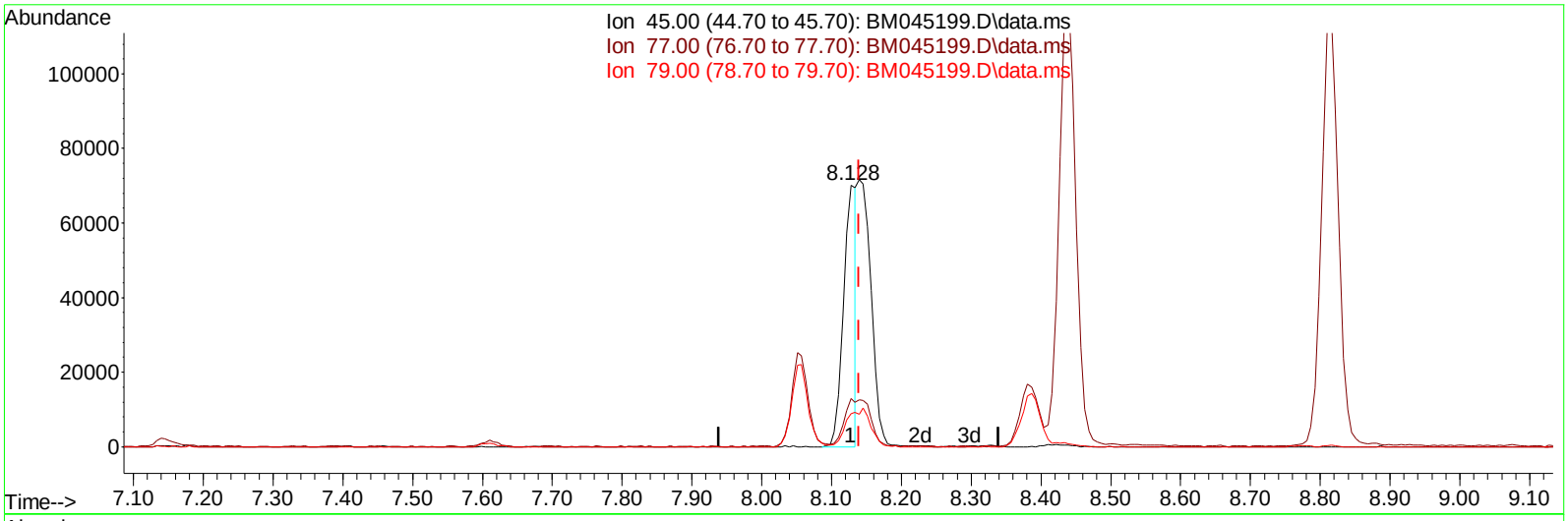
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045199.D
Acq On : 13 Apr 2024 09:18
Operator : MA/JU
Sample : P2014-22MSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

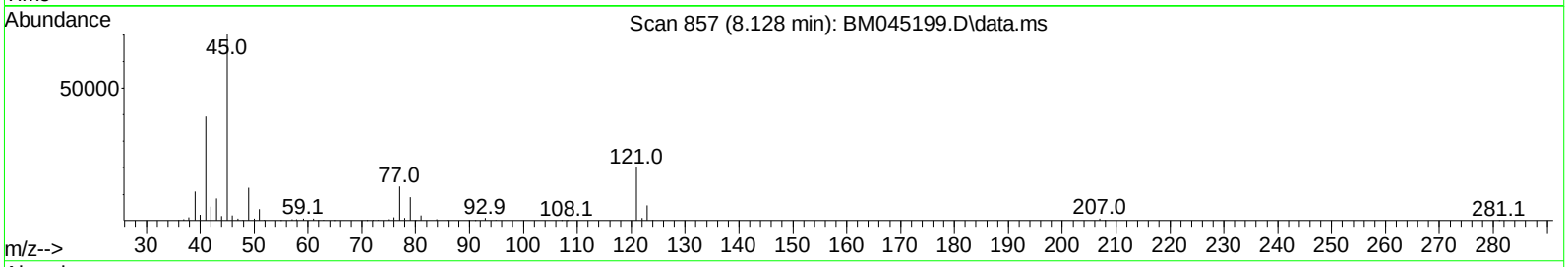
Quant Time: Apr 15 02:39:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

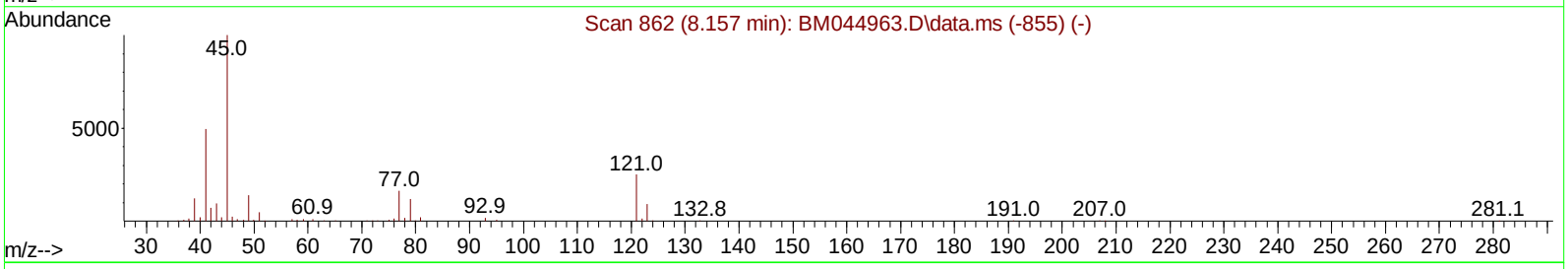
Instrument :
BNA_M
ClientSampleId :
E0ME5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045199.D\data.ms

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

8.128min (-0.012) 20.59 ng/ul

response 88513

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	18.40
79.00	12.60	12.63
0.00	0.00	0.00

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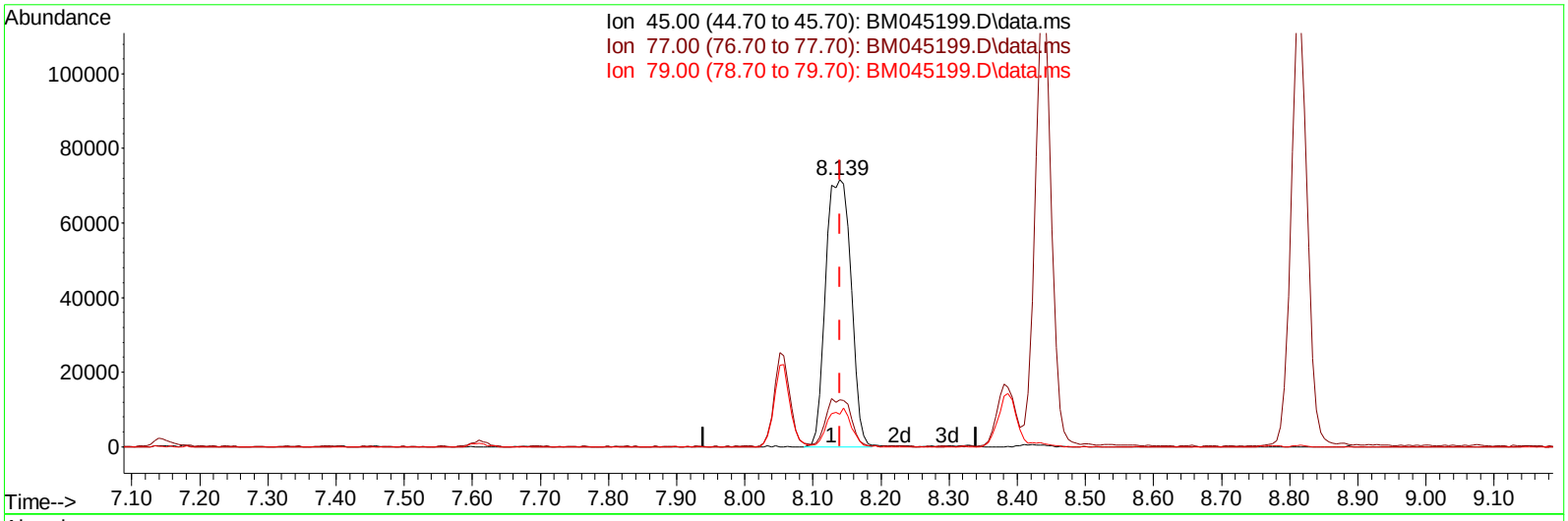

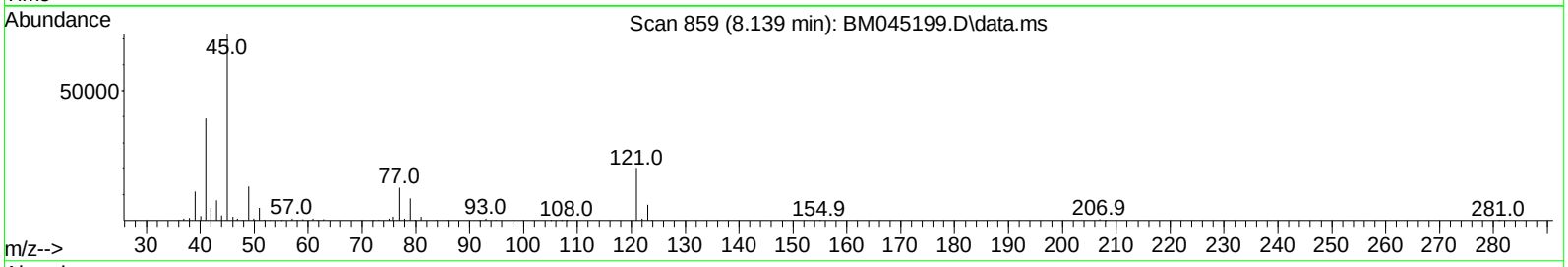

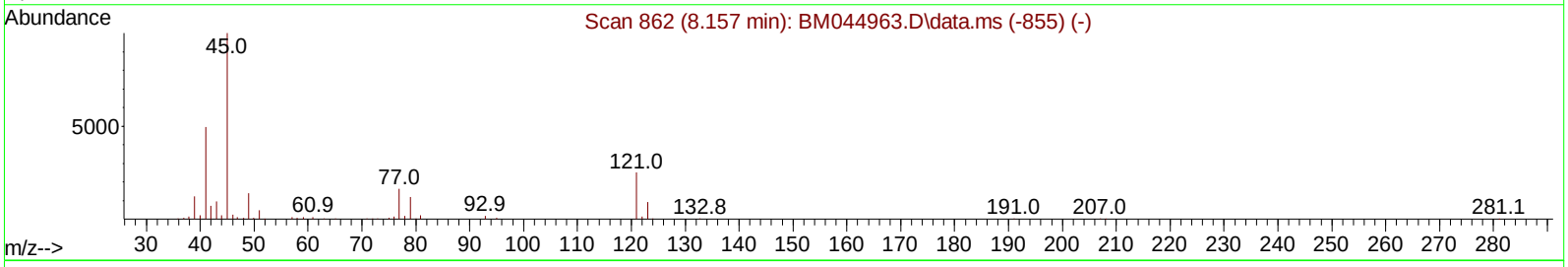

TIC: BM045199.D\data.ms

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

8.139min (-0.000) 43.16 ng/ul m

response 185505

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	17.66
79.00	12.60	12.21
0.00	0.00	0.00

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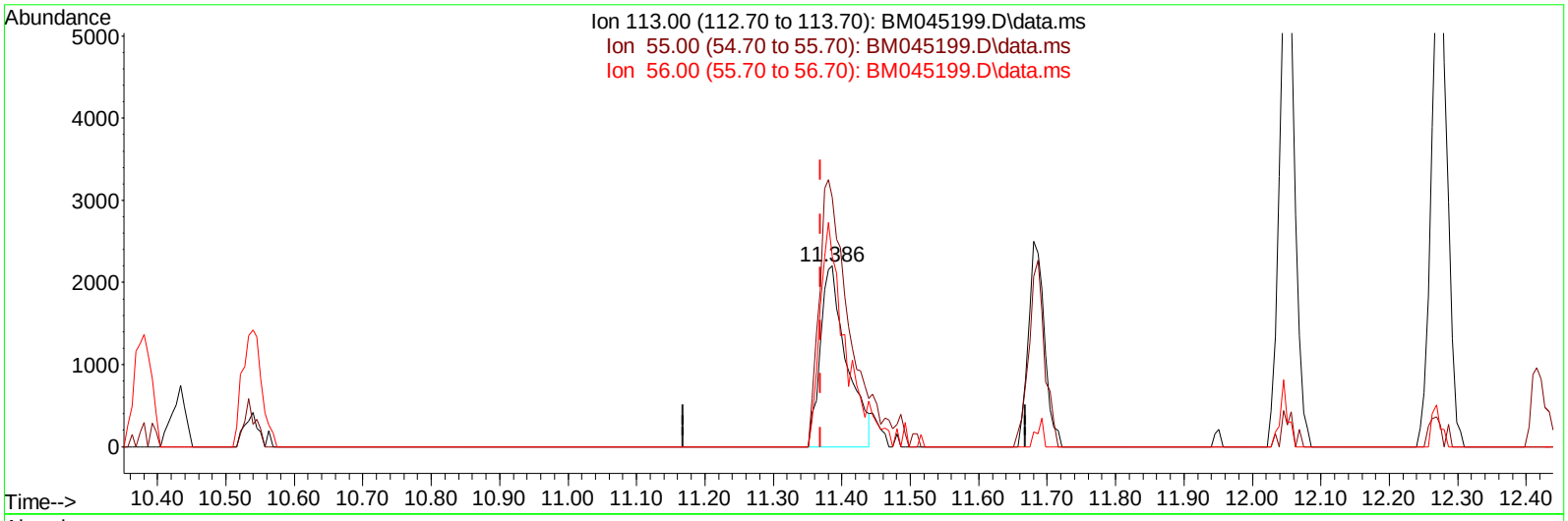

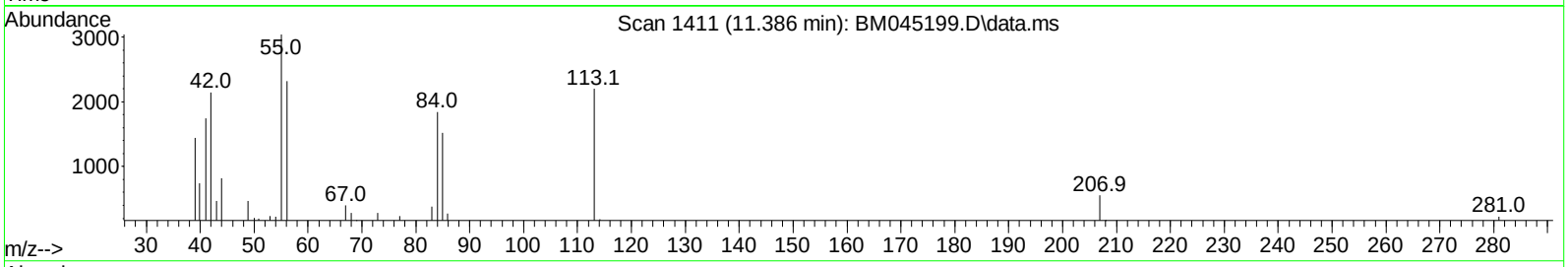

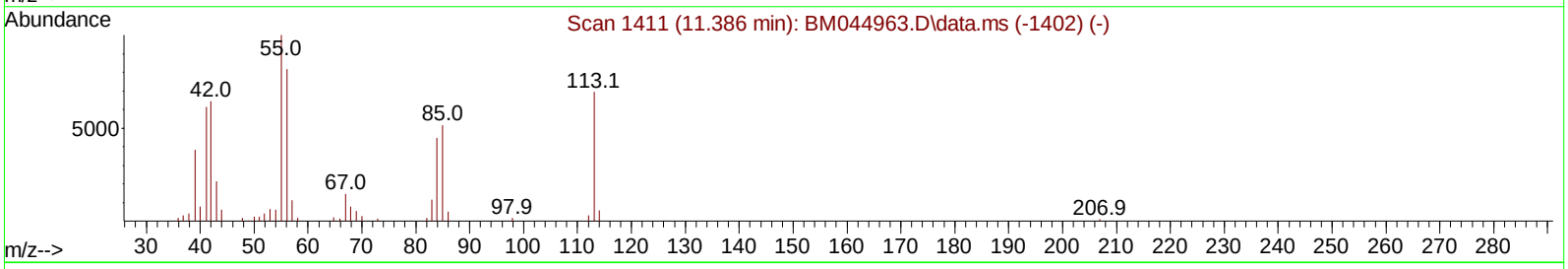

TIC: BM045199.D\data.ms

(34) Caprolactam

11.386min (+ 0.018) 5.18 ng/ul

response 5839

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	138.29
56.00	114.80	105.32
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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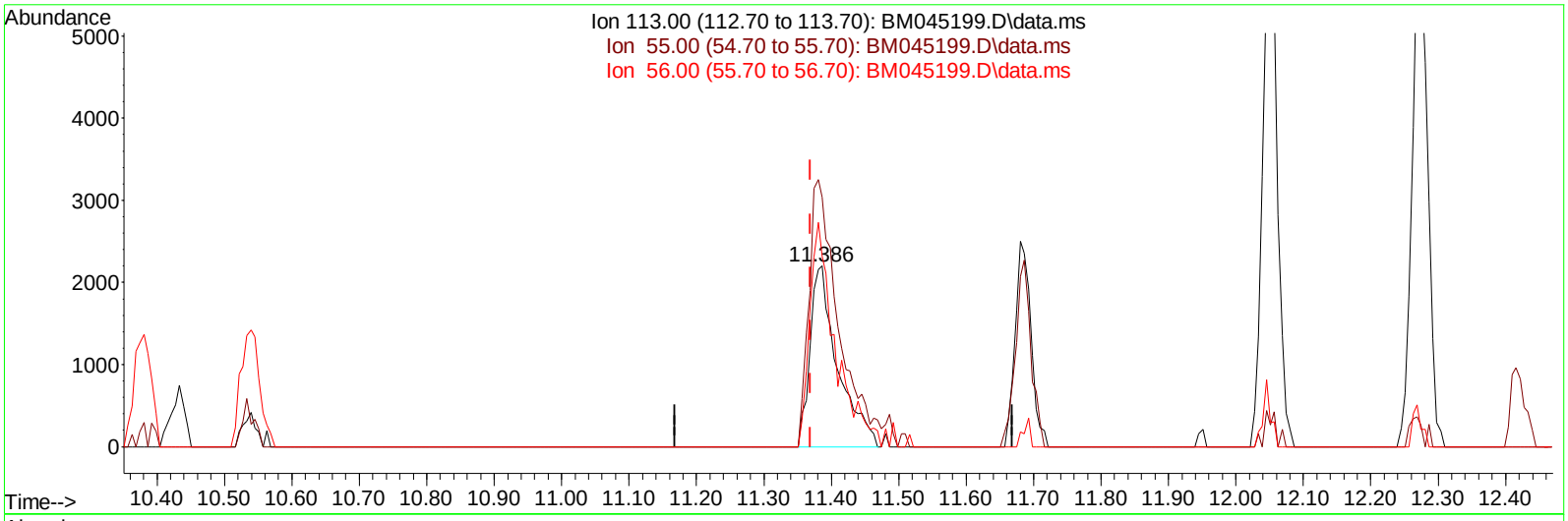

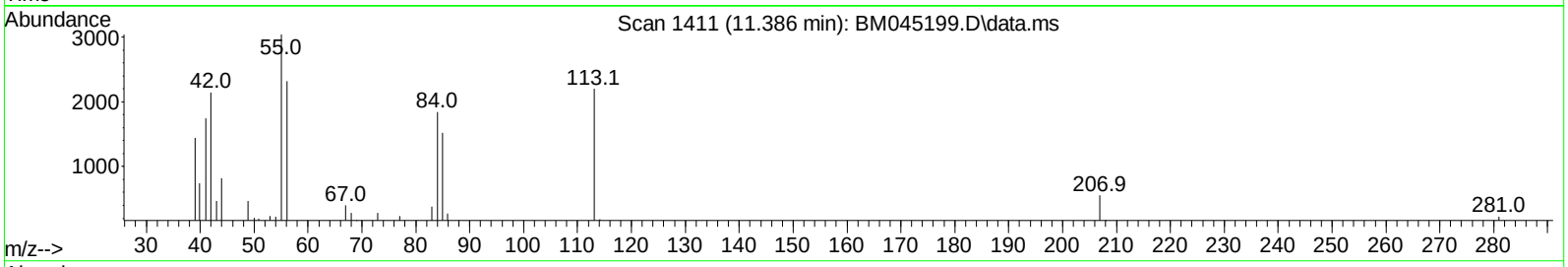

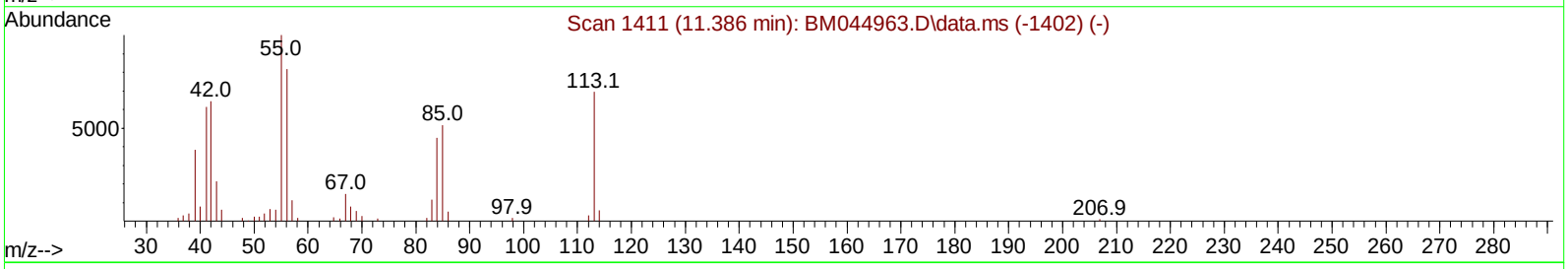

TIC: BM045199.D\data.ms

(34) Caprolactam

11.386min (+ 0.018) 5.52 ng/ul m

response 6222

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	138.29
56.00	114.80	105.32
0.00	0.00	0.00

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Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Apr 15 02:53:25 2024
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Instrument :
BNA_M
ClientSampleId :
E0ME5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	52598	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.380	136	222376	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	140515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	276762	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	223842	20.000	ng/ul	0.00
88) Perylene-d12	23.438	264	216959	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	7733	5.490	ng/uL	0.00
4) Pyridine-d5	3.604	84	48874	12.760	ng/ul	0.00
7) Phenol-d5	6.792	99	34125	7.653	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	108905	40.994	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.145	132	111376	31.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	67972	19.475	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	75436	44.163	ng/ul	0.00
24) 2-Nitrophenol-d4	9.480	143	80966	44.908	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.010	165	134675	40.742	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.539	131	173112	32.893	ng/ul	-0.01
46) Dimethylphthalate-d6	13.686	166	445886	45.575	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	513800	44.453	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	12357	6.052	ng/ul	0.00
60) Fluorene-d10	15.257	176	375155	43.011	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	69458	42.327	ng/ul	0.00
73) Anthracene-d10	17.115	188	575308	46.209	ng/ul	-0.01
81) Pyrene-d10	19.421	212	642862	58.326	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.297	264	517379	48.884	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	8168	5.553	ng/uL#	95
5) Pyridine	3.622	79	61758	15.217	ng/ul	95
6) Benzaldehyde	6.781	77	111895	54.133	ng/ul	98
8) Phenol	6.822	94	41041	8.888	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.057	93	157117	43.599	ng/ul	97
12) 2-Chlorophenol	7.175	128	126711	34.567	ng/ul	97
13) 2-Methylphenol	8.051	108	85347	25.041	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.139	45	185505m	43.159	ng/ul	
16) Acetophenone	8.439	105	250718	44.184	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	124359	46.416	ng/ul#	94
18) 4-Methylphenol	8.386	108	81098	22.076	ng/ul	100
19) Hexachloroethane	8.657	117	72532	44.988	ng/ul	98
22) Nitrobenzene	8.816	77	197155	47.045	ng/ul	98
23) Isophorone	9.333	82	359319	46.666	ng/ul	99
25) 2-Nitrophenol	9.516	139	92060	46.005	ng/ul	91
26) 2,4-Dimethylphenol	9.575	107	121946	31.609	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	211791	46.398	ng/ul	97
29) 2,4-Dichlorophenol	10.039	162	141851	42.474	ng/ul	96
30) Naphthalene	10.427	128	528336	44.881	ng/ul	98
32) 4-Chloroaniline	10.563	127	189243	36.954	ng/ul	97
33) Hexachlorobutadiene	10.692	225	90110	43.395	ng/ul	91
34) Caprolactam	11.386	113	6222m	5.518	ng/ul	
35) 4-Chloro-3-methylphenol	11.686	107	128833	38.806	ng/ul	100

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E0ME5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	358638	46.660	ng/ul	98
37) 1-Methylnaphthalene	12.274	142	367216	47.211	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.421	216	179897	46.814	ng/ul	97
40) Hexachlorocyclopentadiene	12.386	237	76811	33.019	ng/ul	97
41) 2,4,6-Trichlorophenol	12.674	196	119985	47.864	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	125460	45.423	ng/ul	97
43) 1,1'-Biphenyl	13.086	154	463669	46.729	ng/ul	98
44) 2-Chloronaphthalene	13.121	162	367267	45.559	ng/ul	99
45) 2-Nitroaniline	13.357	65	114476	51.444	ng/ul	98
47) Dimethylphthalate	13.733	163	478541	46.796	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	99797	49.790	ng/ul#	86
50) Acenaphthylene	13.974	152	615436	45.591	ng/ul	98
51) 3-Nitroaniline	14.198	138	99995	45.736	ng/ul	98
52) Acenaphthene	14.321	153	407196	45.205	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	46682	39.174	ng/ul	95
55) 4-Nitrophenol	14.515	109	11715	6.524	ng/ul	95
56) Dibenzofuran	14.663	168	547591	44.425	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	143527	47.838	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.892	232	110328	46.672	ng/ul	99
59) Diethylphthalate	15.104	149	487957	46.772	ng/ul	98
61) Fluorene	15.315	166	461565	44.428	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.315	204	208697	42.858	ng/ul	94
63) 4-Nitroaniline	15.368	138	89249	44.900	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.421	198	80029	45.539	ng/ul	96
67) N-Nitrosodiphenylamine	15.539	169	382658	51.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	132703	49.232	ng/ul	98
69) Hexachlorobenzene	16.309	284	171454	48.899	ng/ul#	93
70) Atrazine	16.504	200	132755	48.340	ng/ul	99
71) Pentachlorophenol	16.668	266	95837	44.996	ng/ul	98
72) Phenanthrene	17.062	178	717706	48.189	ng/ul	99
74) Anthracene	17.151	178	715556	46.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	176859	50.701	ng/uL	99
76) Pentachlorobenzene	14.574	250	185819	50.067	ng/uL	98
77) Carbazole	17.439	167	677334	46.107	ng/ul	99
78) Di-n-butylphthalate	18.003	149	831691	50.202	ng/ul	100
80) Fluoranthene	19.086	202	804930	61.918	ng/ul	99
82) Pyrene	19.456	202	853807	60.862	ng/ul	98
83) Butylbenzylphthalate	20.380	149	344196	58.561	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.156	252	182814	36.731	ng/ul	95
85) Benzo(a)anthracene	21.215	228	736244	48.475	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	467864	50.924	ng/ul	97
87) Chrysene	21.268	228	705881	49.855	ng/ul	100
89) Di-n-octyl phthalate	22.038	149	723709	53.017	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	684132	54.102	ng/ul	100
91) Benzo(k)fluoranthene	22.827	252	646482	50.793	ng/ul	99
93) Benzo(a)pyrene	23.344	252	556274	45.201	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.662	276	749545	47.018	ng/ul	100
95) Dibenzo(a,h)anthracene	25.674	278	595862	44.706	ng/ul	97
96) Benzo(g,h,i)perylene	26.332	276	585376	46.546	ng/ul	99

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

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