Quantitation Report (Qedit)

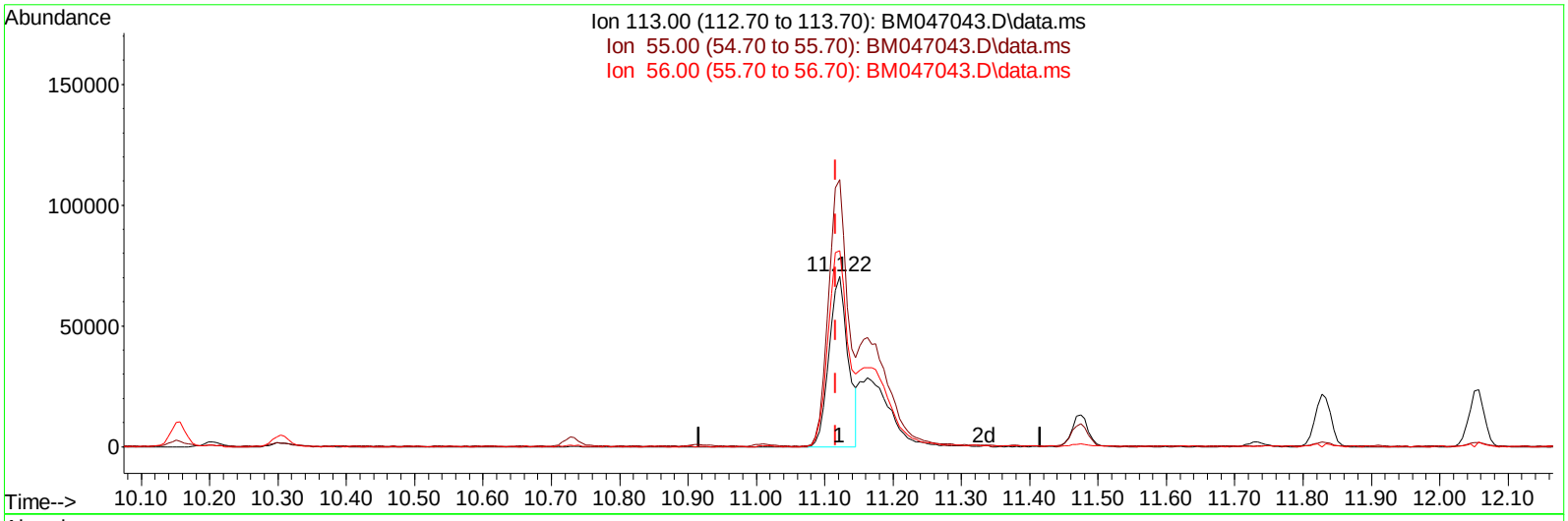
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047043.D
Acq On : 07 Aug 2024 05:22
Operator : RC/JU
Sample : P3328-21MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

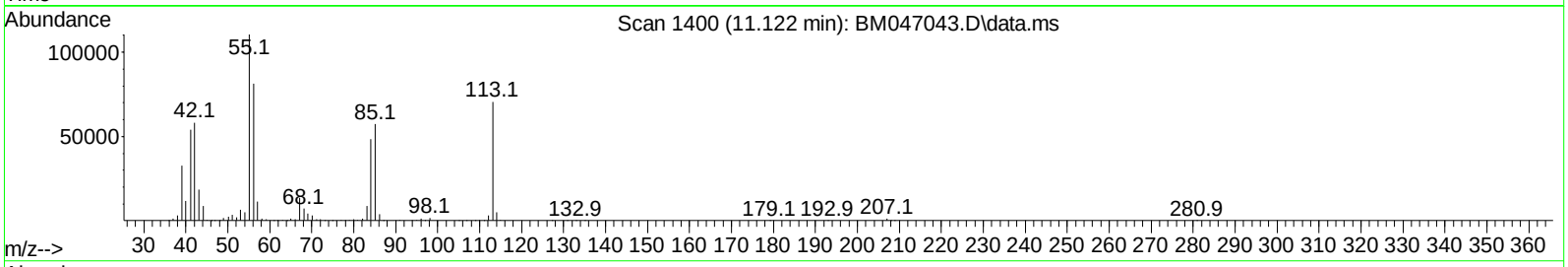
Quant Time: Aug 07 07:45:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

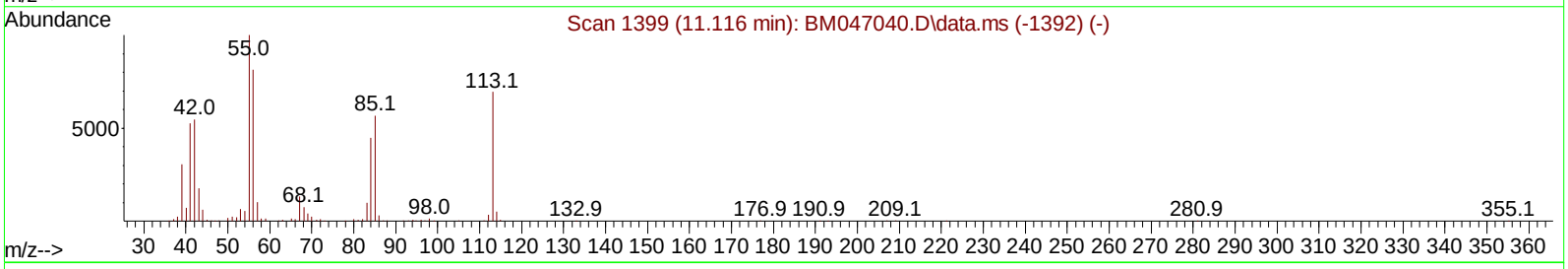
Instrument :
BNA_M
ClientSampleId :
E20N1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024







TIC: BM047043.D\data.ms

(34) Caprolactam

11.122min (+ 0.006) 18.64 ng/ul

response 137090

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	156.65
56.00	118.20	115.17
0.00	0.00	0.00

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Misc :
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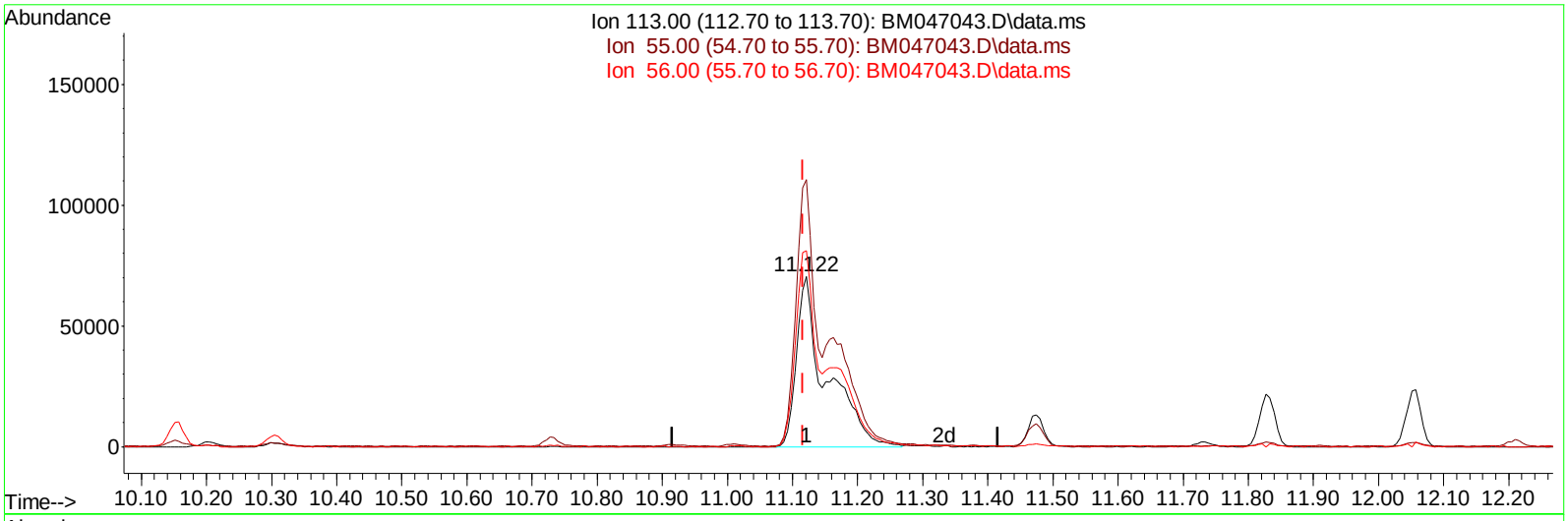

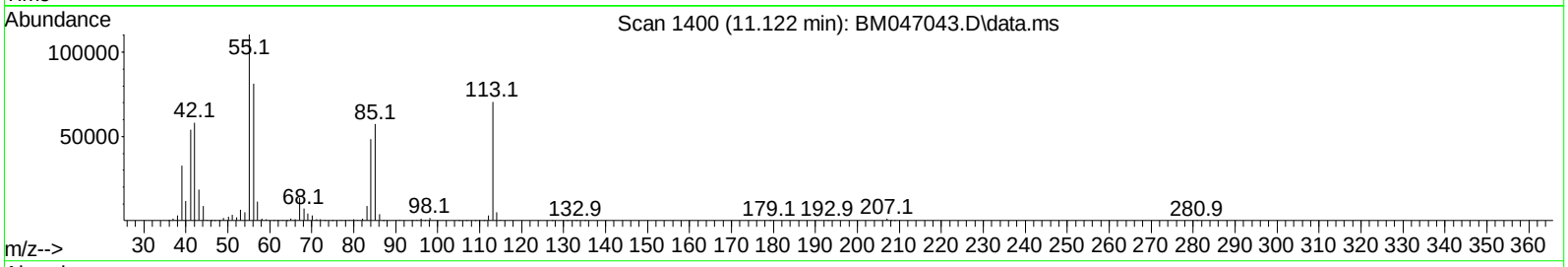

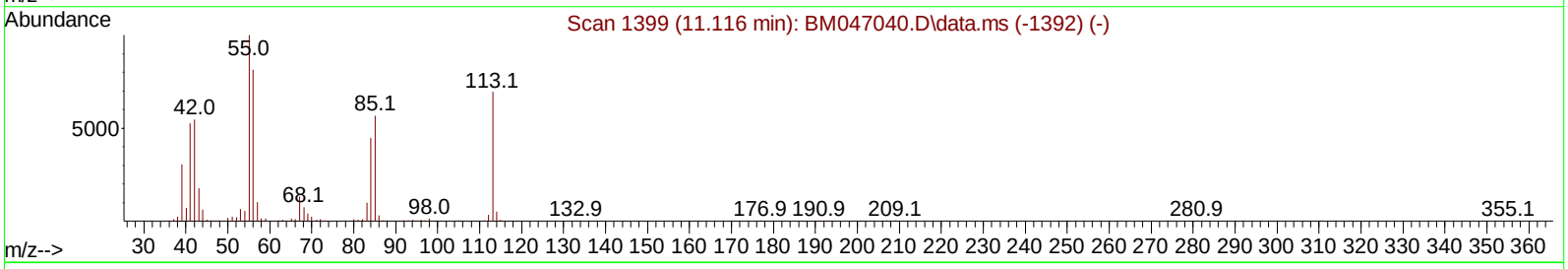

TIC: BM047043.D\data.ms

(34) Caprolactam

11.122min (+ 0.006) 30.58 ng/ul m

response 224981

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	156.65
56.00	118.20	115.17
0.00	0.00	0.00

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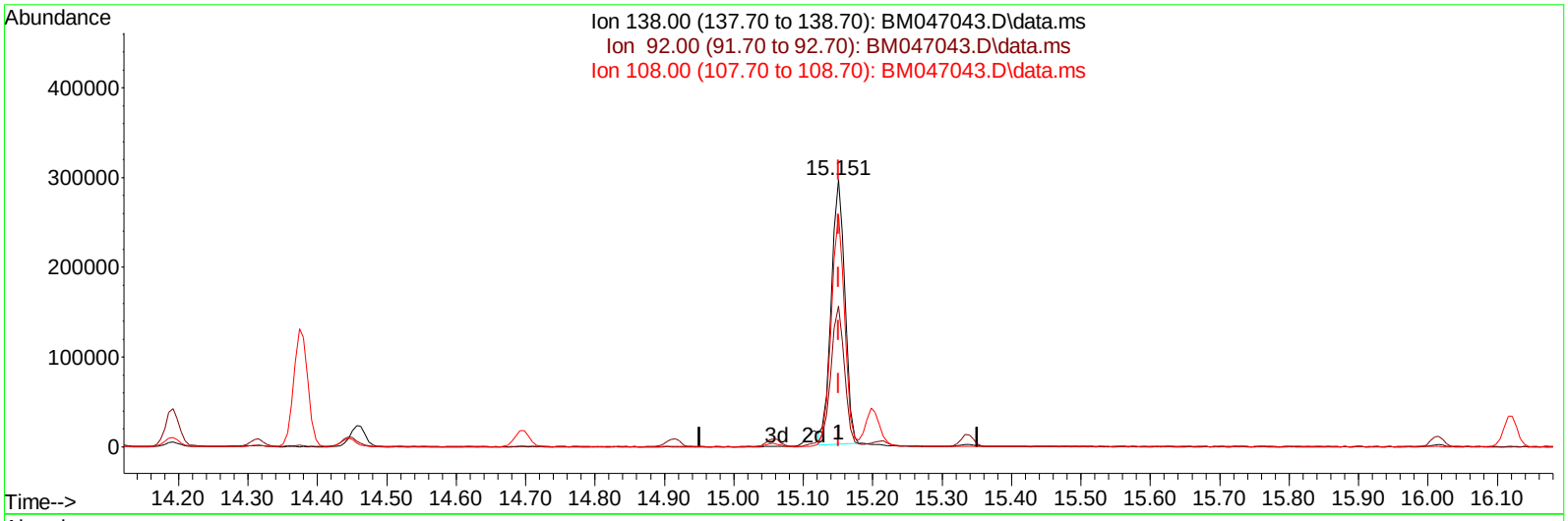

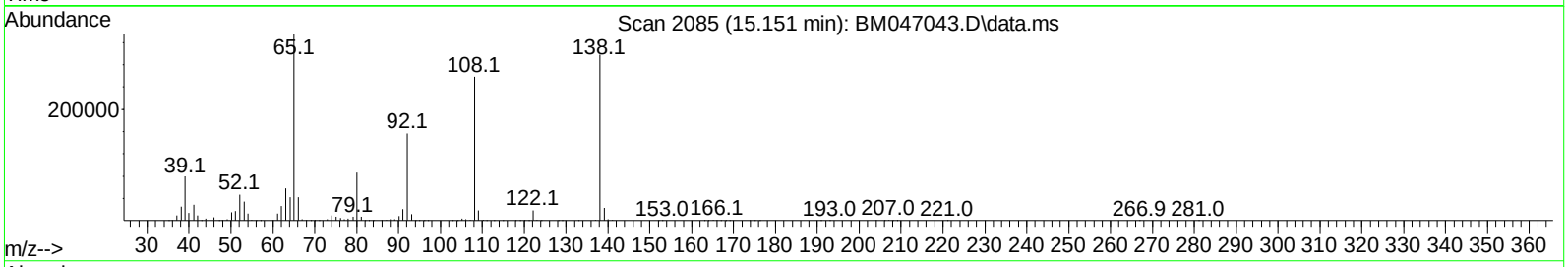

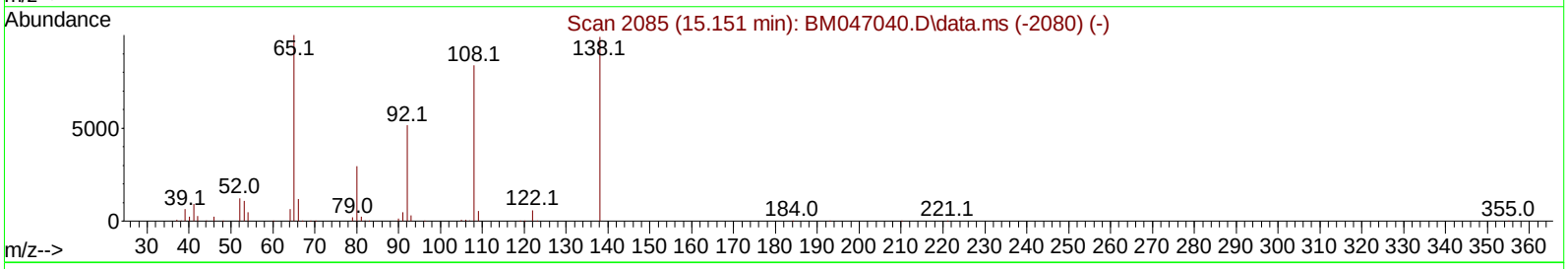

TIC: BM047043.D\data.ms

(63) 4-Nitroaniline

15.151min (-0.000) 29.81 ng/ul

response 405716

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.62
108.00	109.10	86.82#
0.00	0.00	0.00

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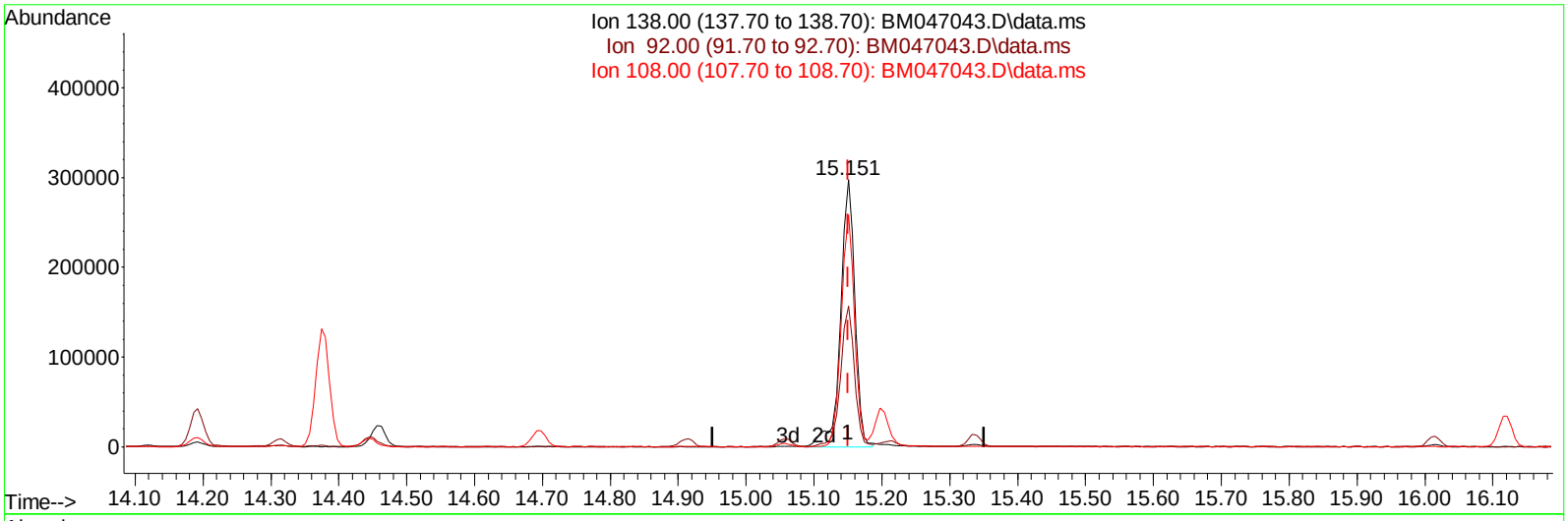

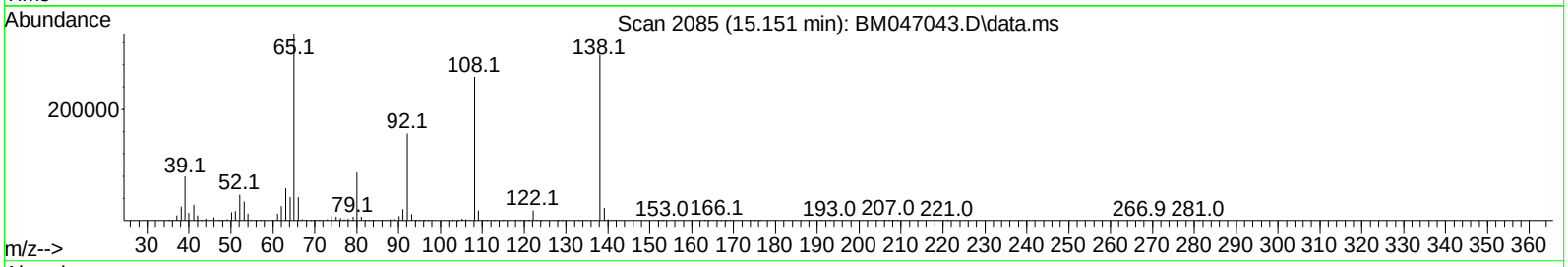

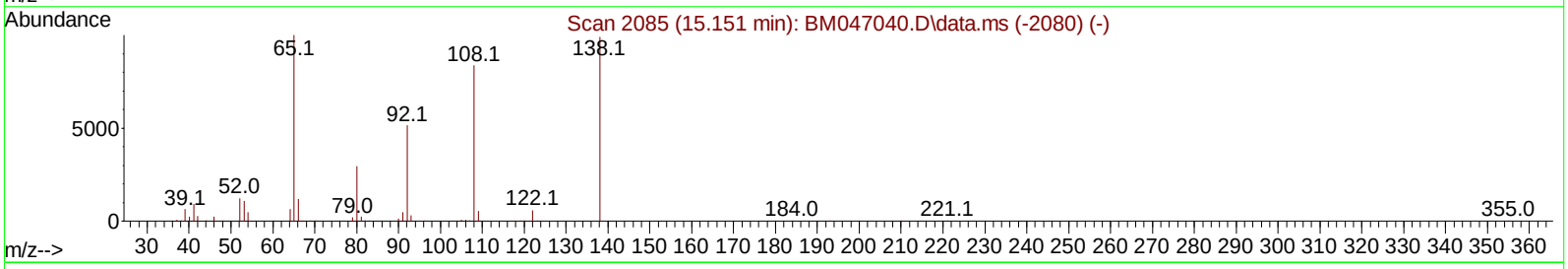

TIC: BM047043.D\data.ms

(63) 4-Nitroaniline

15.151min (-0.000) 32.28 ng/ul m

response 439334

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.62
108.00	109.10	86.82#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	373055	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	1447656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	906580	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.815	188	1846547	20.000	ng/ul	0.00
79) Chrysene-d12	21.050	240	1472764	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1655744	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	32074	3.406	ng/uL	0.00
4) Pyridine-d5	3.404	84	451674	17.585	ng/ul	0.00
7) Phenol-d5	6.604	99	699228	24.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	441333	23.668	ng/ul	0.00
11) 2-Chlorophenol-d4	6.939	132	572713	23.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	548900	24.450	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	289984	24.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	333618	26.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	620219	25.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	754074	23.557	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	1702049	24.554	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1962572	25.364	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	313127	23.363	ng/ul	0.00
60) Fluorene-d10	15.057	176	1412983	23.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	254530	21.817	ng/ul	0.00
73) Anthracene-d10	16.915	188	2123845	24.262	ng/ul	0.00
81) Pyrene-d10	19.221	212	2413083	28.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	2302536	26.409	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.051	88	88180	8.416	ng/uL	97
5) Pyridine	3.428	79	603690	23.741	ng/ul	91
6) Benzaldehyde	6.557	77	492835	30.277	ng/ul	98
8) Phenol	6.634	94	837889	29.359	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.845	93	679334	27.927	ng/ul	97
12) 2-Chlorophenol	6.975	128	690742	28.402	ng/ul	96
13) 2-Methylphenol	7.857	108	630710	29.011	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.922	45	897452	30.788	ng/ul	98
16) Acetophenone	8.216	105	989414	28.001	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.210	70	523527	28.096	ng/ul	96
18) 4-Methylphenol	8.181	108	685377	29.178	ng/ul	95
19) Hexachloroethane	8.451	117	299946	25.319	ng/ul	89
22) Nitrobenzene	8.586	77	822365	26.497	ng/ul	93
23) Isophorone	9.116	82	1510980	28.453	ng/ul	98
25) 2-Nitrophenol	9.286	139	419231	30.209	ng/ul#	89
26) 2,4-Dimethylphenol	9.369	107	559712	20.462	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.598	93	931689	28.460	ng/ul	100
29) 2,4-Dichlorophenol	9.822	162	698393	28.750	ng/ul	97
30) Naphthalene	10.204	128	2107425	27.495	ng/ul	100
32) 4-Chloroaniline	10.327	127	815599	26.237	ng/ul	99
33) Hexachlorobutadiene	10.492	225	447007	25.506	ng/ul	98
34) Caprolactam	11.122	113	224981m	30.583	ng/ul	
35) 4-Chloro-3-methylphenol	11.474	107	704125	28.110	ng/ul	99

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E20N1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.827	142	1486304	27.771 ng/ul	99
37) 1-Methylnaphthalene	12.057	142	1478207	27.284 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.210	216	824154	28.987 ng/ul	98
40) Hexachlorocyclopentadiene	12.186	237	346110	18.480 ng/ul	96
41) 2,4,6-Trichlorophenol	12.469	196	573276	30.805 ng/ul	98
42) 2,4,5-Trichlorophenol	12.539	196	620580	30.885 ng/ul	98
43) 1,1'-Biphenyl	12.874	154	1947744	28.718 ng/ul	98
44) 2-Chloronaphthalene	12.910	162	1538275	28.560 ng/ul	98
45) 2-Nitroaniline	13.133	65	489561	29.911 ng/ul	95
47) Dimethylphthalate	13.533	163	1946799	27.989 ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	420881	31.126 ng/ul#	85
50) Acenaphthylene	13.768	152	2374923	29.063 ng/ul	99
51) 3-Nitroaniline	13.974	138	440603	31.996 ng/ul	96
52) Acenaphthene	14.115	153	1621851	27.530 ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	243412	25.513 ng/ul#	84
55) 4-Nitrophenol	14.315	109	311670	22.976 ng/ul#	84
56) Dibenzofuran	14.457	168	2246987	27.176 ng/ul	92
57) 2,4-Dinitrotoluene	14.445	165	597499	28.916 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.698	232	503562	28.191 ng/ul#	90
59) Diethylphthalate	14.915	149	1941260	25.944 ng/ul	98
61) Fluorene	15.115	166	1840993	26.996 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.115	204	879892	26.209 ng/ul	94
63) 4-Nitroaniline	15.151	138	439334m	32.283 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.215	198	340270	26.655 ng/ul	92
67) N-Nitrosodiphenylamine	15.339	169	1567554	28.640 ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	575875	28.813 ng/ul	91
69) Hexachlorobenzene	16.121	284	674462	28.658 ng/ul	96
70) Atrazine	16.309	200	558219	25.995 ng/ul	97
71) Pentachlorophenol	16.474	266	443051	27.806 ng/ul	98
72) Phenanthrene	16.856	178	2918148	28.192 ng/ul	99
74) Anthracene	16.945	178	2848772	27.290 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	814764	30.667 ng/uL	96
76) Pentachlorobenzene	14.380	250	766178	27.860 ng/uL	100
77) Carbazole	17.227	167	2729773	28.208 ng/ul	99
78) Di-n-butylphthalate	17.809	149	3362654	27.325 ng/ul	98
80) Fluoranthene	18.886	202	3334093	33.091 ng/ul	99
82) Pyrene	19.256	202	3451198	32.146 ng/ul	99
83) Butylbenzylphthalate	20.192	149	1539360	32.805 ng/ul	100
84) 3,3'-Dichlorobenzidine	20.974	252	1004609	27.825 ng/ul	99
85) Benzo(a)anthracene	21.033	228	3151666	29.301 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.991	149	2132157	31.125 ng/ul	98
87) Chrysene	21.086	228	2885185	28.124 ng/ul	99
89) Di-n-octyl phthalate	22.027	149	3709625	31.758 ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	3101006	30.278 ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	2959836	29.244 ng/ul	99
93) Benzo(a)pyrene	23.632	252	2734920	28.663 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.773	276	3569822	29.201 ng/ul	100
95) Dibenzo(a,h)anthracene	26.826	278	2861776	29.144 ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	2802851	29.018 ng/ul	97

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

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