Quantitation Report (Qedit)

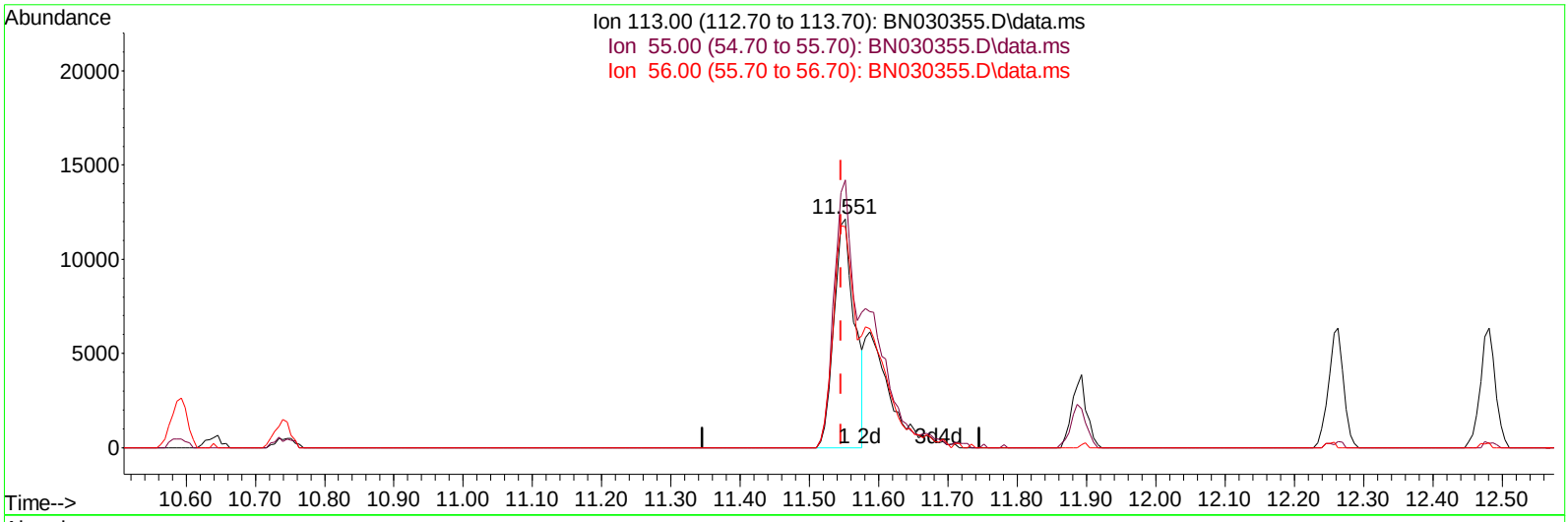
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
Data File : BN030355.D
Acq On : 08 Mar 2024 14:39
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

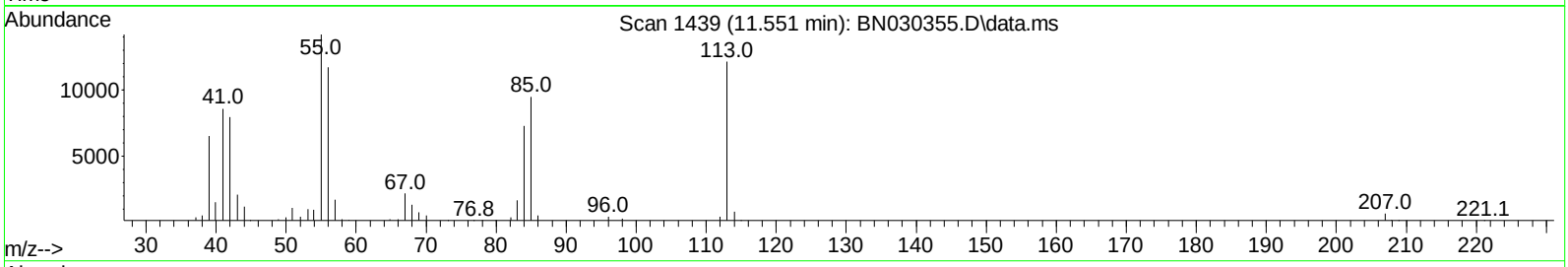
Quant Time: Mar 08 15:05:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:57:34 2024
Response via : Initial Calibration

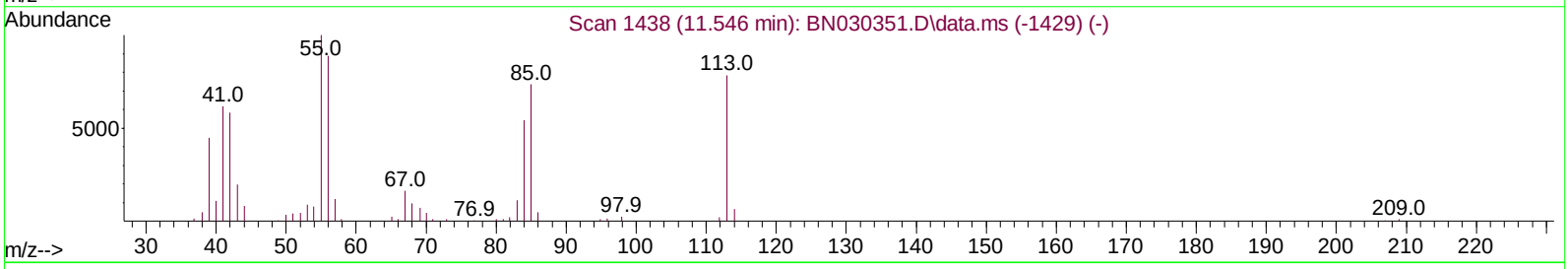
Instrument :
BNA_N
ClientSampleId :
SICV245

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024







TIC: BN030355.D\data.ms

(34) Caprolactam

11.551min (+ 0.006) 14.21 ng/ul

response 24929

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	116.85
56.00	113.50	96.48
0.00	0.00	0.00

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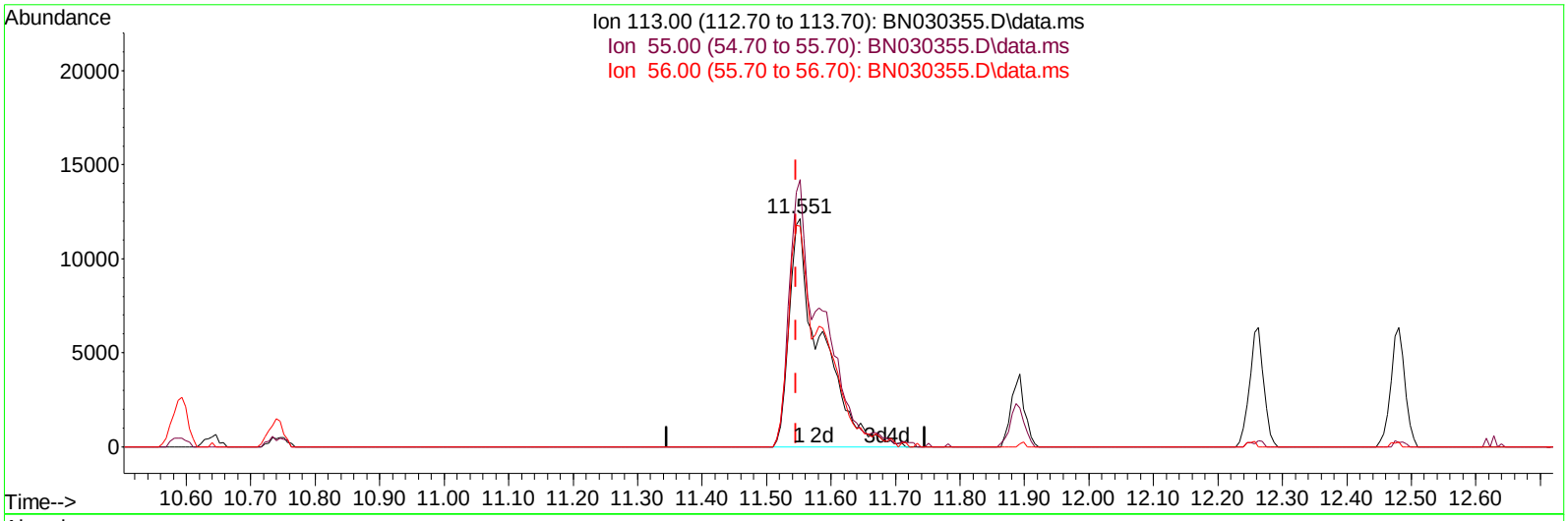

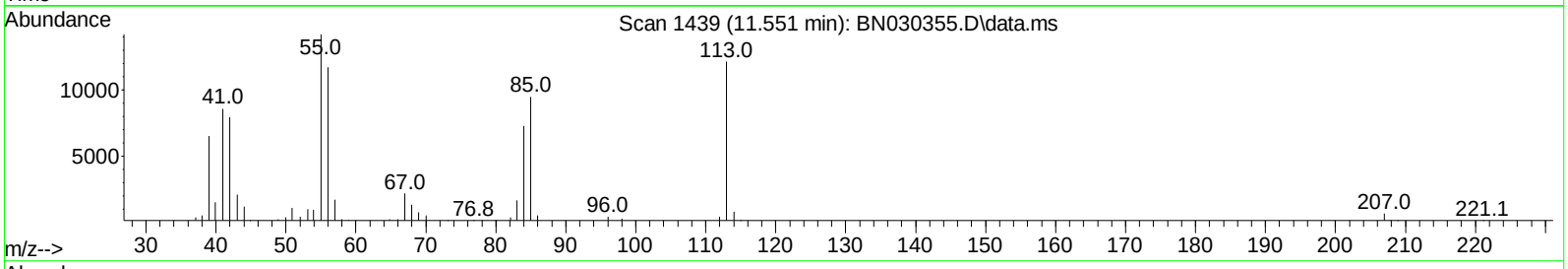

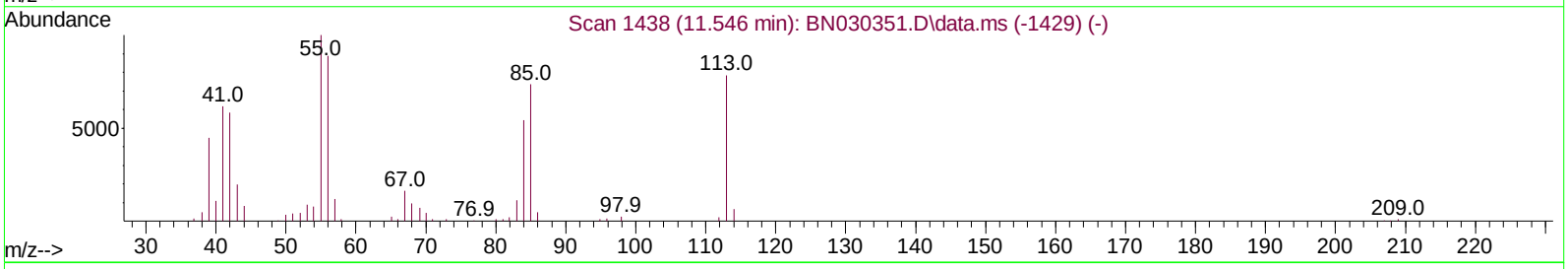

TIC: BN030355.D\data.ms

(34) Caprolactam

11.551min (+ 0.006) 23.33 ng/ul m

response 40930

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	116.85
56.00	113.50	96.48
0.00	0.00	0.00

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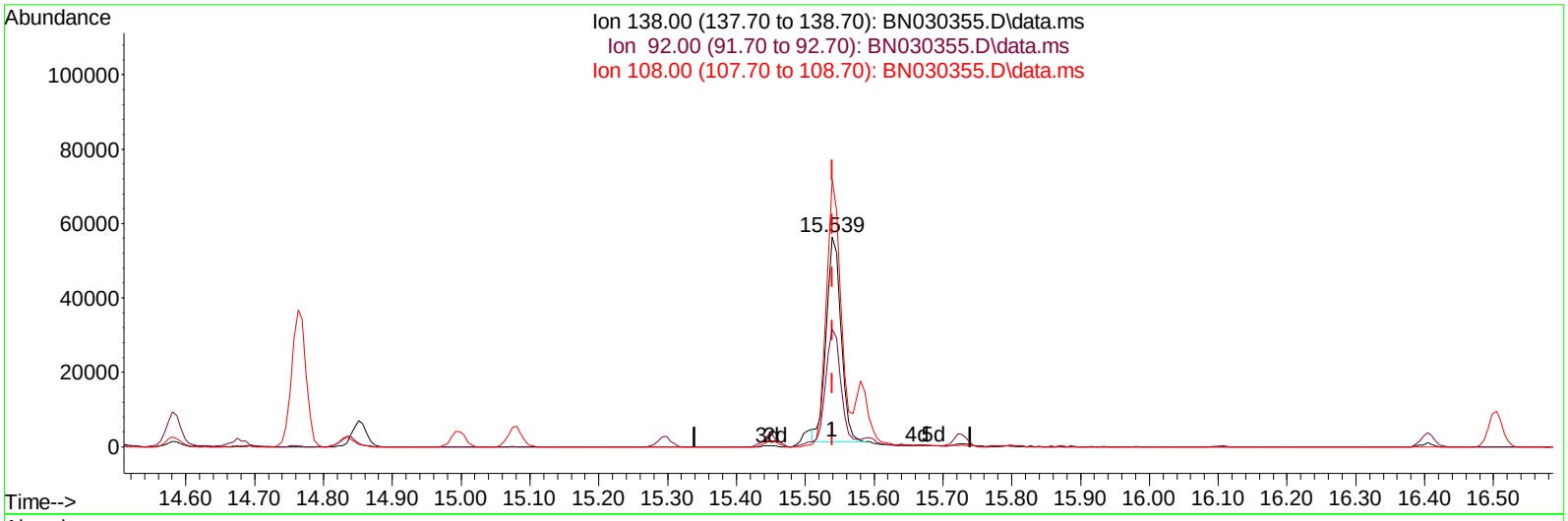

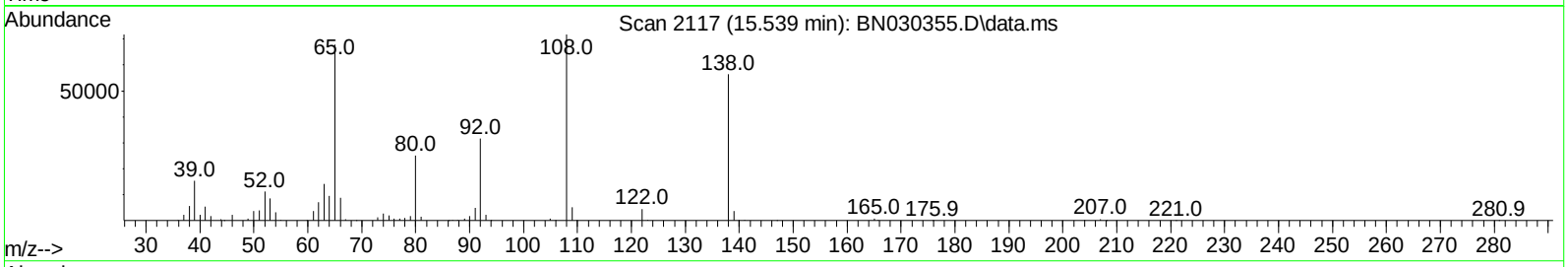

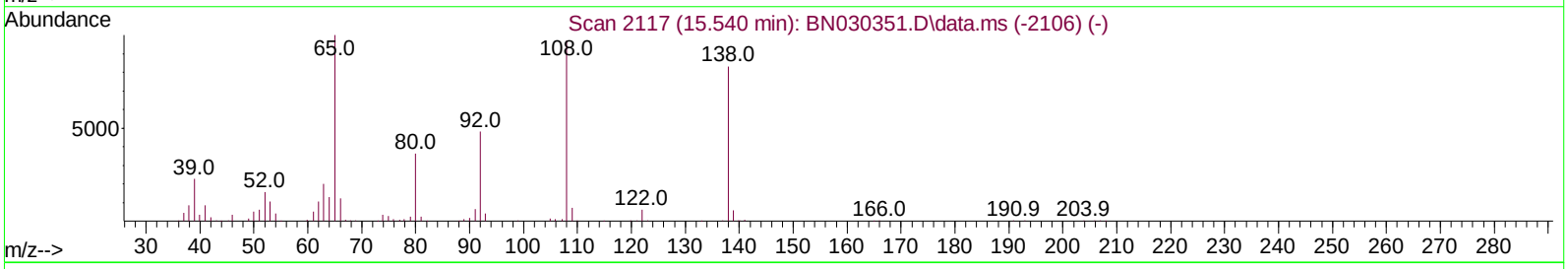

TIC: BN030355.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.000) 22.85 ng/ul

response 81303

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	56.03
108.00	116.50	127.12
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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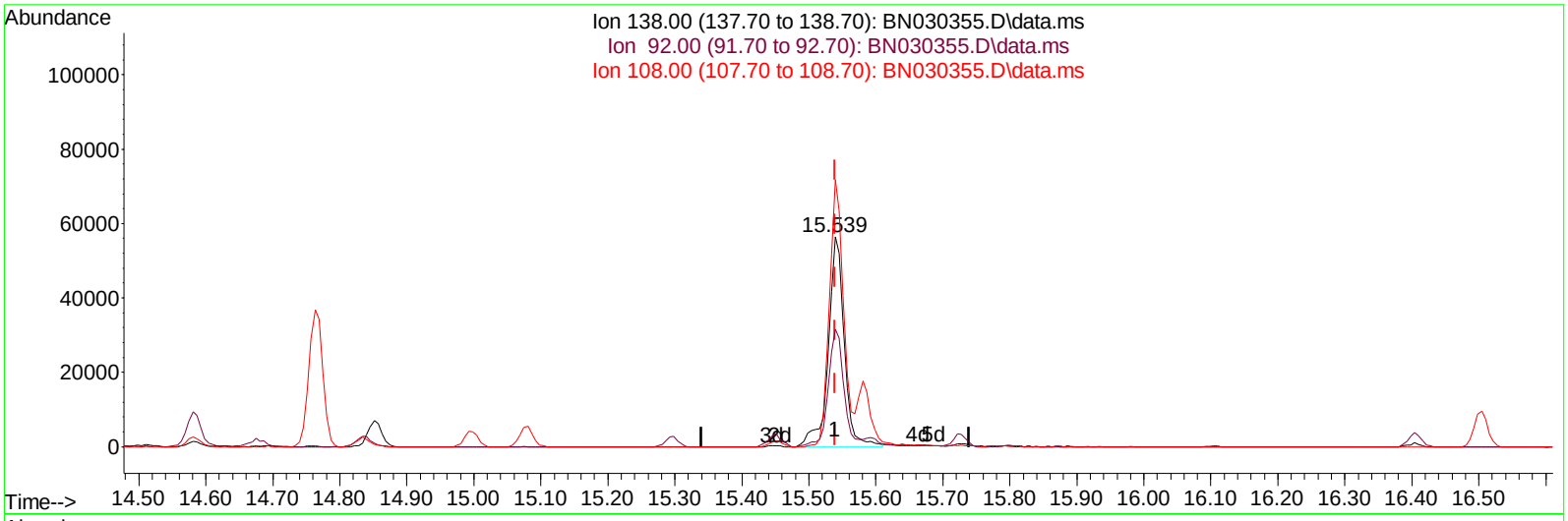

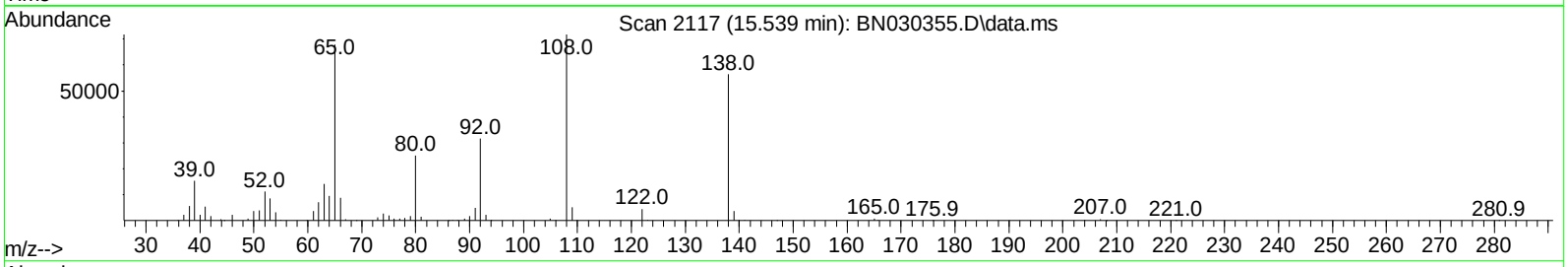

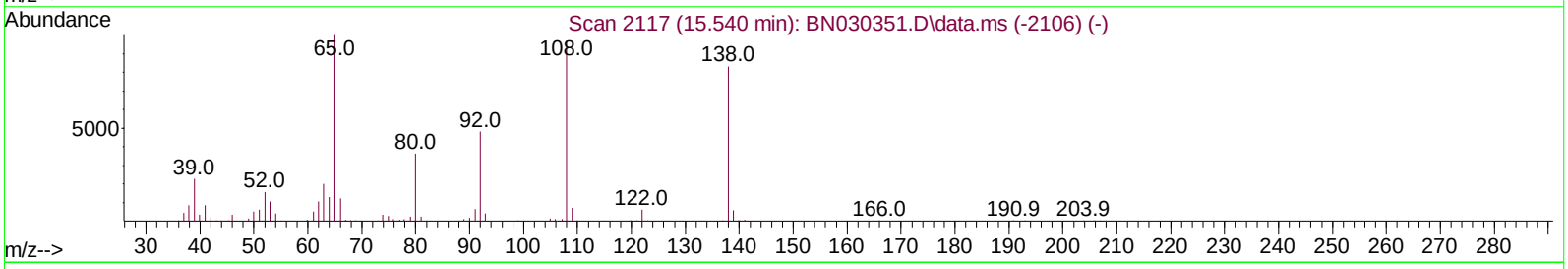

TIC: BN030355.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.000) 26.46 ng/ul m

response 94121

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	56.03
108.00	116.50	127.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 08 Mar 2024 14:39
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 08 15:06:51 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	86950	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	376022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	247807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	538981	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	459282	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	432936	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18382	7.135	ng/uL	0.00
4) Pyridine-d5	3.675	84	127170	20.677	ng/ul	0.00
7) Phenol-d5	6.963	99	162414	21.053	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	97086	22.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	136564	22.098	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	138484	22.775	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	69917	22.284	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	75263	22.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	135371	23.075	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	199834	22.950	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	454766	22.761	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	498257	22.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	79292	22.383	ng/ul	0.00
60) Fluorene-d10	15.451	176	368485	22.482	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	73250	21.759	ng/ul	0.00
73) Anthracene-d10	17.310	188	571991	21.855	ng/ul	0.00
81) Pyrene-d10	19.622	212	646621	22.170	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	531009	23.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	18376	7.430	ng/uL	99
5) Pyridine	3.699	79	104144	16.644	ng/ul	98
6) Benzaldehyde	6.946	77	94427	26.262	ng/ul	99
8) Phenol	6.993	94	146248	19.051	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.234	93	109282	17.812	ng/ul	96
12) 2-Chlorophenol	7.358	128	125943	19.806	ng/ul	97
13) 2-Methylphenol	8.240	108	114938	19.970	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	90986	16.311	ng/ul#	94
16) Acetophenone	8.628	105	211378	21.629	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.616	70	101491	21.705	ng/ul	99
18) 4-Methylphenol	8.569	108	126477	20.797	ng/ul	98
19) Hexachloroethane	8.857	117	56756	19.213	ng/ul	96
22) Nitrobenzene	9.005	77	153893	19.007	ng/ul	96
23) Isophorone	9.528	82	284419	20.320	ng/ul	98
25) 2-Nitrophenol	9.710	139	73167	20.647	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	123527	16.888	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	155938	18.994	ng/ul	95
29) 2,4-Dichlorophenol	10.240	162	124765	21.174	ng/ul	99
30) Naphthalene	10.640	128	423417	19.727	ng/ul	99
32) 4-Chloroaniline	10.763	127	178534	21.081	ng/ul	100
33) Hexachlorobutadiene	10.916	225	78621	19.127	ng/ul	99
34) Caprolactam	11.551	113	40930m	23.327	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	150115	22.513	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	292746	20.942	ng/ul	99
37) 1-Methylnaphthalene	12.481	142	285751	20.676	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.628	216	148788	19.014	ng/ul	96
40) Hexachlorocyclopentadiene	12.598	237	80497	13.733	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	98977	19.936	ng/ul	97
42) 2,4,5-Trichlorophenol	12.940	196	109433	20.171	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	408656	19.539	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	306698	18.881	ng/ul	99
45) 2-Nitroaniline	13.540	65	98345	21.000	ng/ul	98
47) Dimethylphthalate	13.928	163	412687	20.324	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	87352	22.275	ng/ul	93
50) Acenaphthylene	14.175	152	511146	19.409	ng/ul	99
51) 3-Nitroaniline	14.375	138	91653	23.852	ng/ul	100
52) Acenaphthene	14.516	153	336908	19.310	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	46325	21.024	ng/ul	98
55) 4-Nitrophenol	14.675	109	87570	21.804	ng/ul	95
56) Dibenzofuran	14.851	168	469528	20.175	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	123580	22.081	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	95758	21.931	ng/ul	96
59) Diethylphthalate	15.298	149	455339	20.980	ng/ul	99
61) Fluorene	15.504	166	388194	20.205	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.510	204	183703	19.973	ng/ul	98
63) 4-Nitroaniline	15.539	138	94121m	26.456	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	67510	18.585	ng/ul#	96
67) N-Nitrosodiphenylamine	15.728	169	339571	19.969	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	109709	18.998	ng/ul#	85
69) Hexachlorobenzene	16.504	284	122726	19.406	ng/ul	99
70) Atrazine	16.692	200	118688	20.280	ng/ul	98
71) Pentachlorophenol	16.857	266	75664	17.681	ng/ul	96
72) Phenanthrene	17.257	178	606346	19.290	ng/ul	99
74) Anthracene	17.345	178	617984	19.327	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	141268	17.557	ng/uL	99
76) Pentachlorobenzene	14.769	250	144225	19.221	ng/uL	96
77) Carbazole	17.628	167	567376	19.981	ng/ul	99
78) Di-n-butylphthalate	18.204	149	803609	20.366	ng/ul	99
80) Fluoranthene	19.280	202	694445	19.431	ng/ul	98
82) Pyrene	19.651	202	740057	20.146	ng/ul	97
83) Butylbenzylphthalate	20.580	149	368892	20.962	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.357	252	236834	23.729	ng/ul	94
85) Benzo(a)anthracene	21.416	228	683664	19.836	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	562241	21.108	ng/ul	99
87) Chrysene	21.469	228	622104	19.462	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	926933	22.872	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	613626	21.497	ng/ul	96
91) Benzo(k)fluoranthene	23.121	252	590203	20.019	ng/ul	98
93) Benzo(a)pyrene	23.680	252	523339	19.371	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.198	276	589637	18.352	ng/ul	98
95) Dibenzo(a,h)anthracene	26.227	278	493934	18.858	ng/ul	97
96) Benzo(g,h,i)perylene	26.939	276	462261	17.764	ng/ul	93

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

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