Quantitation Report (Qedit)

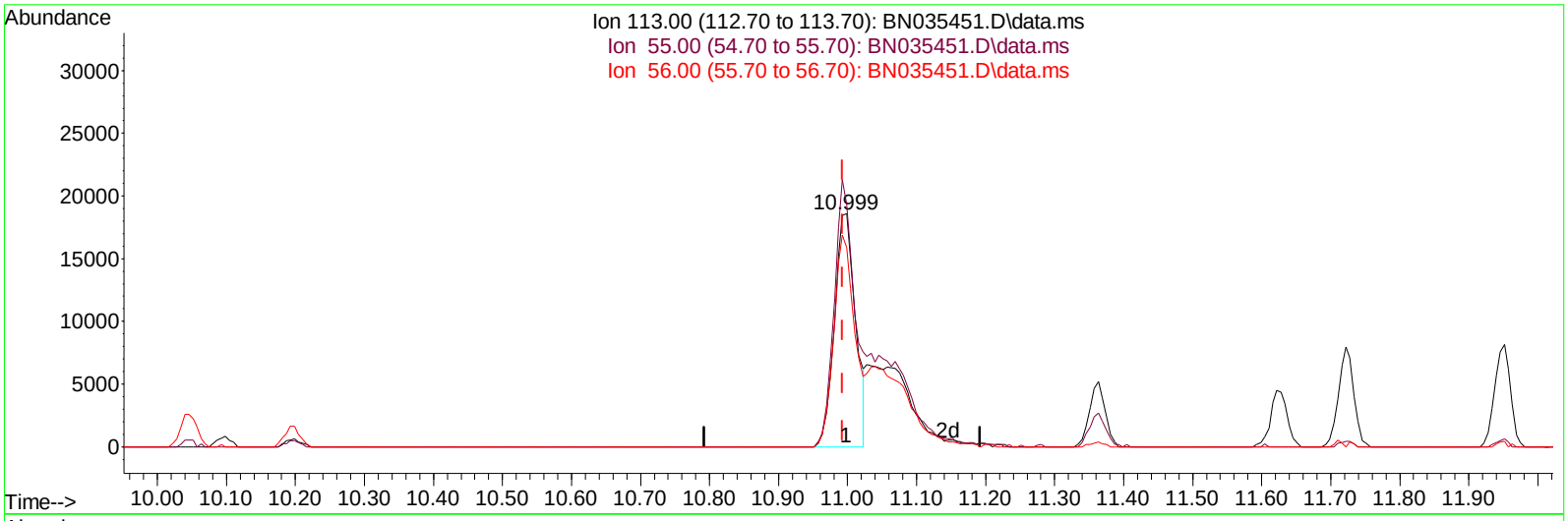
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035451.D
Acq On : 06 Dec 2024 07:23
Operator : RC/JU
Sample : PB165398BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

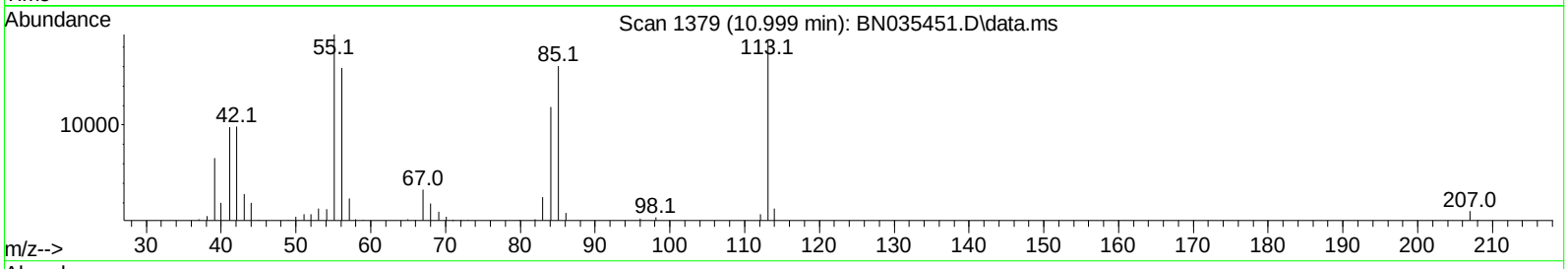
Quant Time: Dec 06 07:51:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

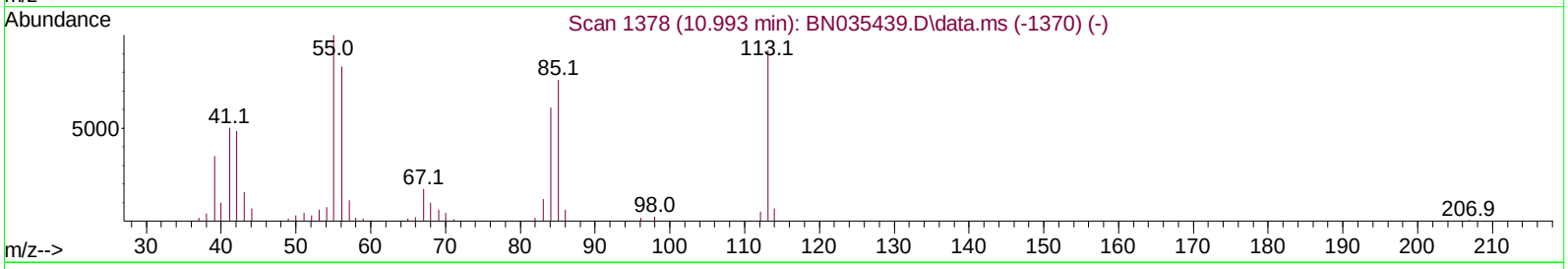
Instrument :
BNA_N
ClientSampleId :
SLCS398

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035451.D\data.ms

(34) Caprolactam

10.999min (+ 0.006) 16.71 ng/ul

response 39241

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	103.96
56.00	86.70	85.48
0.00	0.00	0.00

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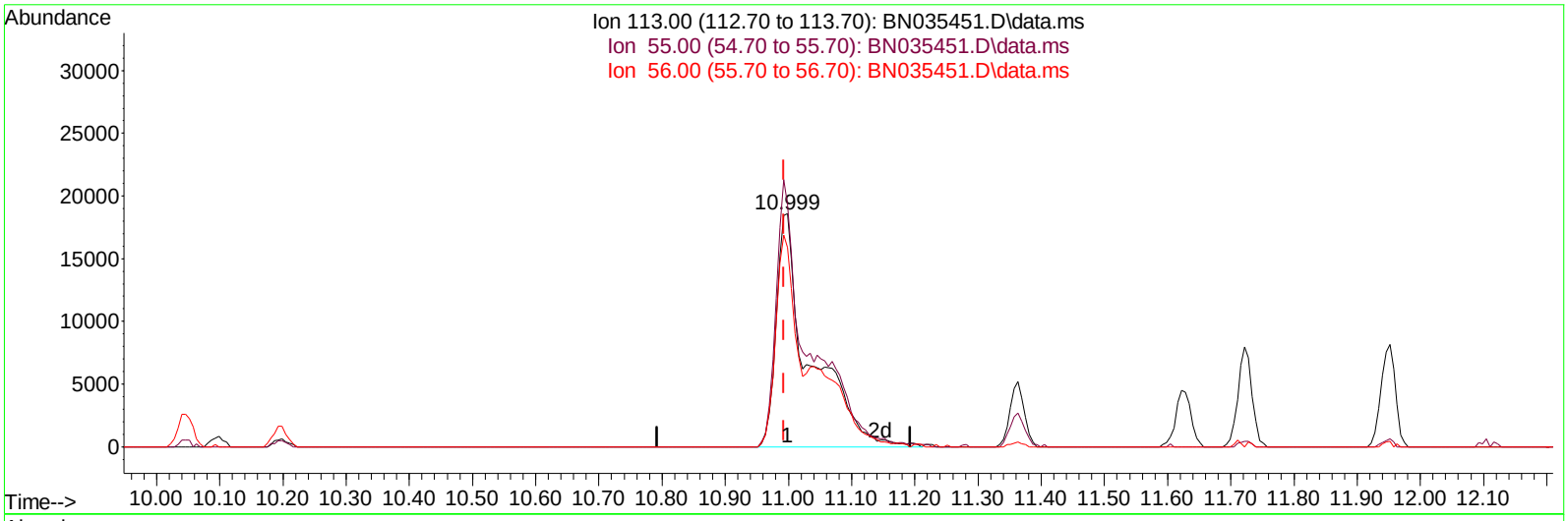

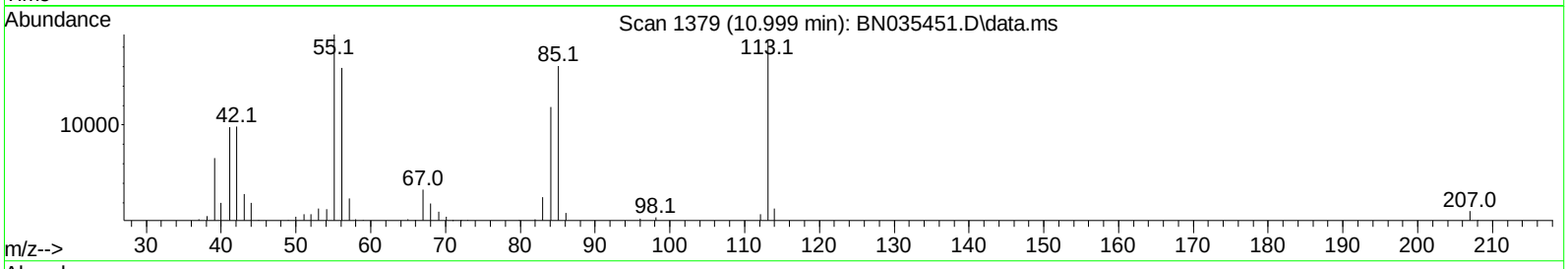

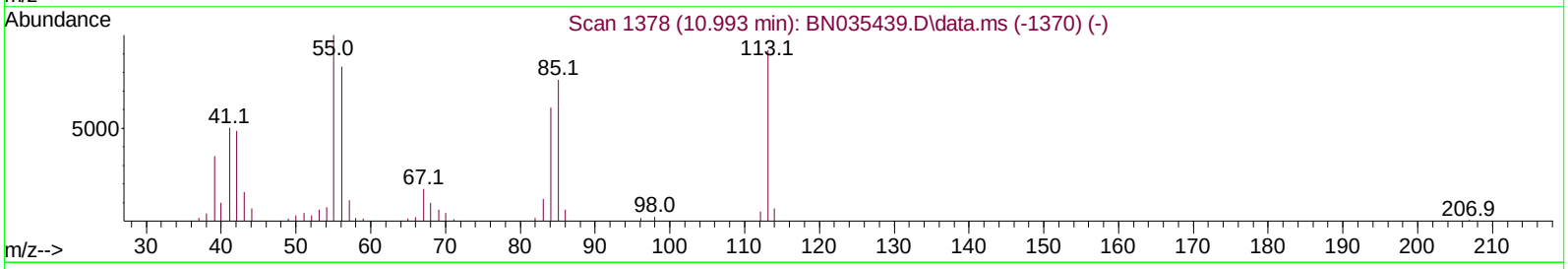

TIC: BN035451.D\data.ms

(34) Caprolactam

10.999min (+ 0.006) 29.38 ng/ul m

response 68994

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	103.96
56.00	86.70	85.48
0.00	0.00	0.00

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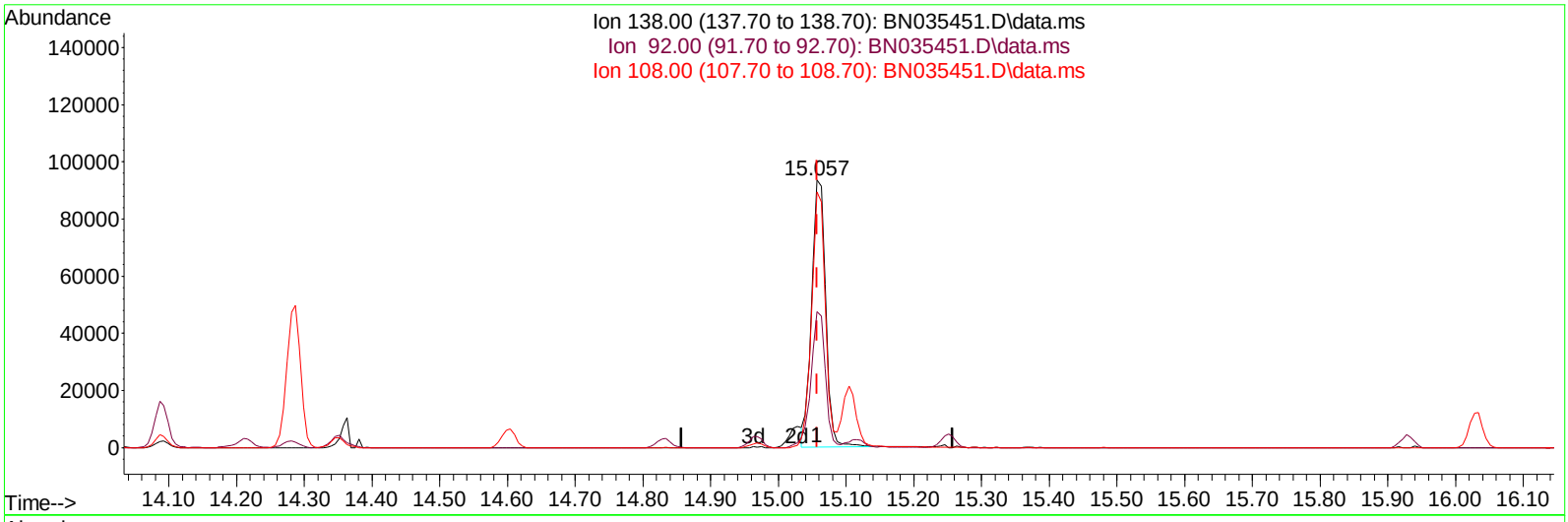

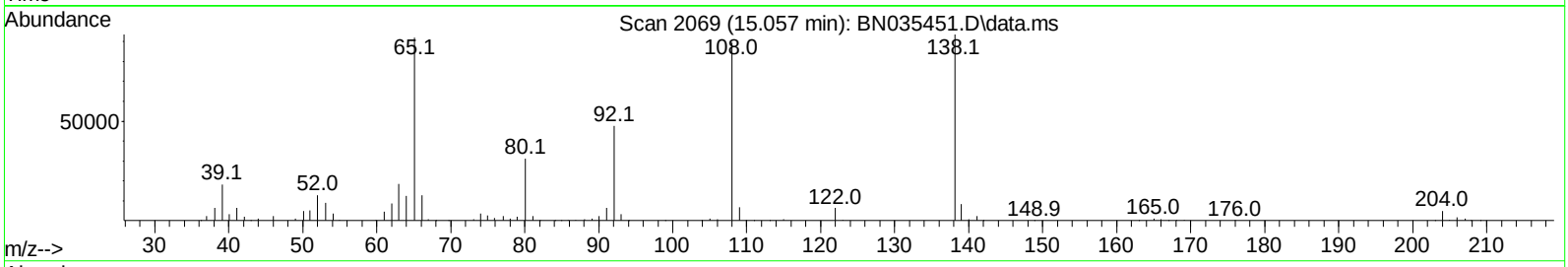

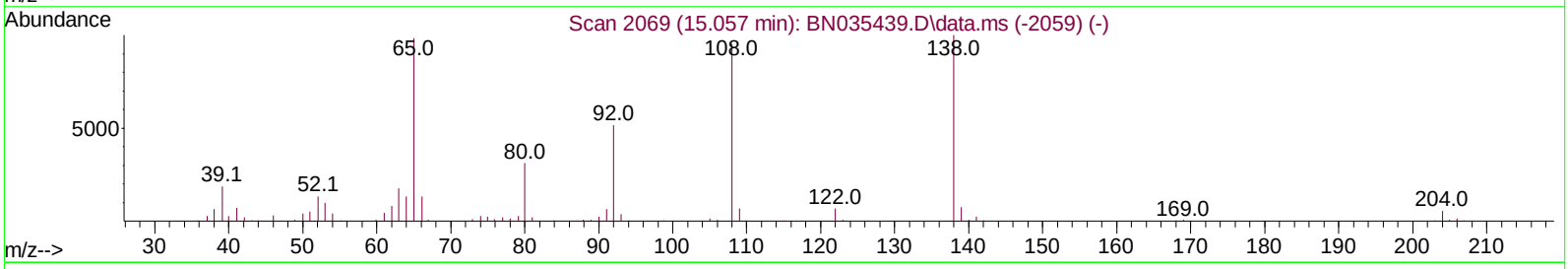

TIC: BN035451.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 29.62 ng/ul

response 134458

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.82
108.00	94.00	95.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB165398BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 06 07:51:50 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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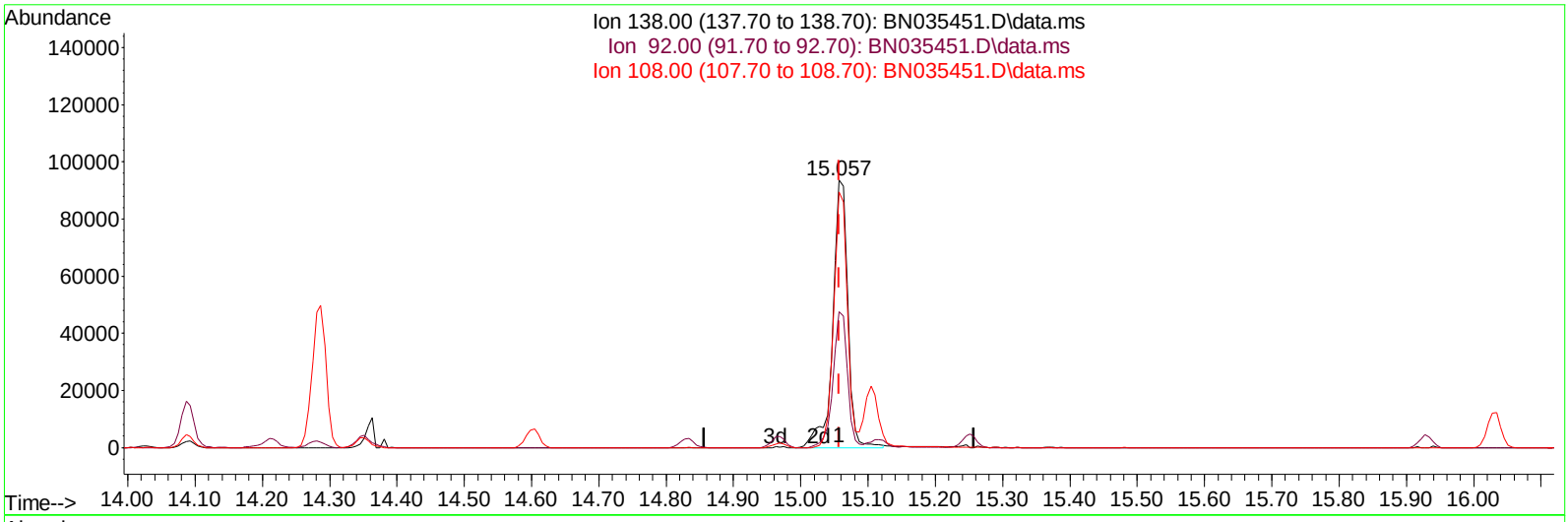

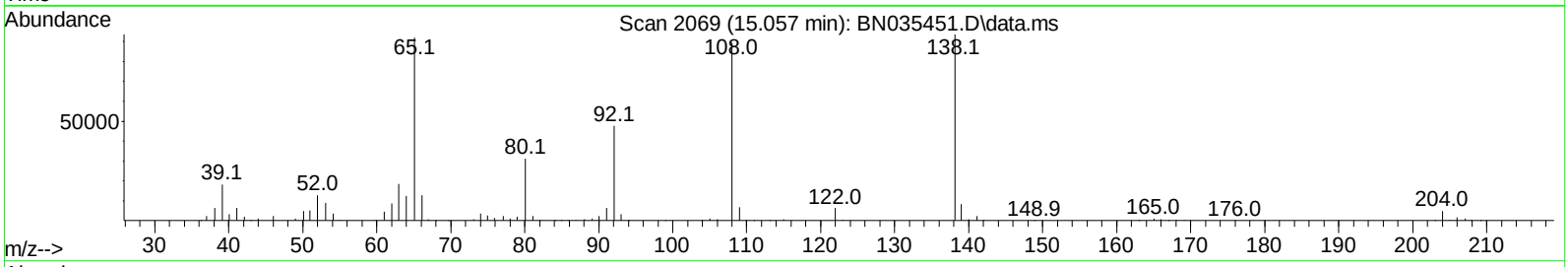

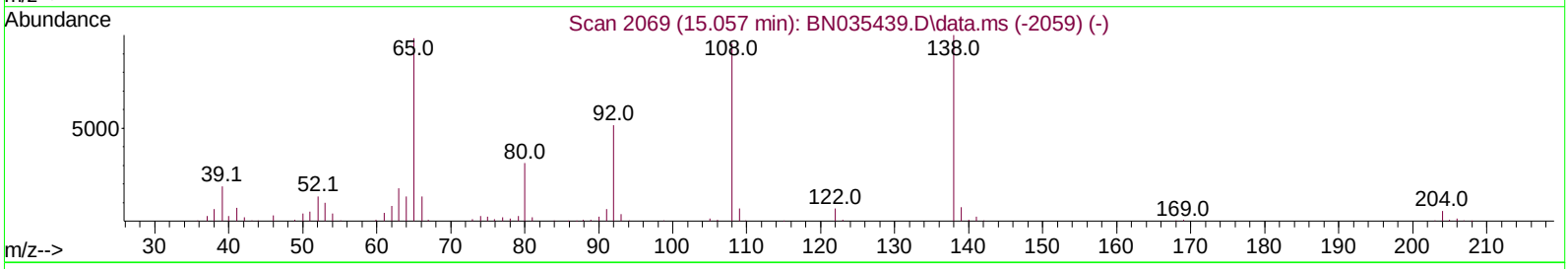

TIC: BN035451.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 32.13 ng/ul m

response 145840

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.82
108.00	94.00	95.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 30 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	112147	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	488785	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	377486	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	806252	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	746100	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	870615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	12011	5.061	ng/uL	0.00
4) Pyridine-d5	3.334	84	171579	27.426	ng/ul	0.00
7) Phenol-d5	6.499	99	231854	29.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	123748	27.775	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	191084	28.225	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	200706	28.827	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	94866	29.873	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	111794	30.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	232183	28.902	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	251707	25.375	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	745334	27.498	ng/ul	0.00
49) Acenaphthylene-d8	13.646	160	805025	26.969	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	134794	30.200	ng/ul	0.00
60) Fluorene-d10	14.969	176	626849	26.780	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	139179	32.732	ng/ul	0.00
73) Anthracene-d10	16.822	188	971978	27.333	ng/ul	0.00
81) Pyrene-d10	19.145	212	1128502	28.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	1216349	28.852	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	24471	9.195	ng/uL	95
5) Pyridine	3.358	79	174157	27.761	ng/ul	94
6) Benzaldehyde	6.458	77	33198	7.704	ng/ul	95
8) Phenol	6.528	94	237025	28.645	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.752	93	179171	27.659	ng/ul	98
12) 2-Chlorophenol	6.869	128	193230	27.426	ng/ul	99
13) 2-Methylphenol	7.752	108	182060	28.338	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.822	45	142247	27.783	ng/ul	99
16) Acetophenone	8.111	105	305071	27.745	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.111	70	144082	27.563	ng/ul	99
18) 4-Methylphenol	8.081	108	208721	29.238	ng/ul	98
19) Hexachloroethane	8.352	117	79761	26.497	ng/ul	93
22) Nitrobenzene	8.481	77	227842	28.564	ng/ul	98
23) Isophorone	9.005	82	428036	26.779	ng/ul	98
25) 2-Nitrophenol	9.181	139	122084	29.316	ng/ul	99
26) 2,4-Dimethylphenol	9.258	107	216201	25.901	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.493	93	259344	26.635	ng/ul	98
29) 2,4-Dichlorophenol	9.710	162	226227	27.831	ng/ul	96
30) Naphthalene	10.093	128	648348	26.100	ng/ul	100
32) 4-Chloroaniline	10.216	127	127880	13.458	ng/ul	100
33) Hexachlorobutadiene	10.387	225	149071	25.985	ng/ul	97
34) Caprolactam	10.999	113	68994m	29.375	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	239716	28.310	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	492673	26.634	ng/ul	97
37) 1-Methylnaphthalene	11.951	142	484262	25.537	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.110	216	293561	26.388	ng/ul	97
40) Hexachlorocyclopentadiene	12.093	237	143820	25.734	ng/ul	96
41) 2,4,6-Trichlorophenol	12.363	196	192687	26.710	ng/ul	98
42) 2,4,5-Trichlorophenol	12.434	196	220928	27.486	ng/ul	98
43) 1,1'-Biphenyl	12.775	154	677946	26.023	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	541495	25.986	ng/ul	98
45) 2-Nitroaniline	13.034	65	131688	32.153	ng/ul	91
47) Dimethylphthalate	13.440	163	730893	26.954	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	144826	32.045	ng/ul	98
50) Acenaphthylene	13.675	152	829857	26.156	ng/ul	100
51) 3-Nitroaniline	13.881	138	112758	24.090	ng/ul	100
52) Acenaphthene	14.022	153	597093	26.147	ng/ul	98
53) 2,4-Dinitrophenol	14.087	184	95405	30.222	ng/ul	98
55) 4-Nitrophenol	14.216	109	124142	29.449	ng/ul	96
56) Dibenzofuran	14.369	168	842162	25.937	ng/ul	100
57) 2,4-Dinitrotoluene	14.351	165	222591	31.037	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.604	232	181914	25.980	ng/ul	98
59) Diethylphthalate	14.834	149	724524	27.339	ng/ul	100
61) Fluorene	15.022	166	676664	25.870	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.034	204	346732	25.944	ng/ul	98
63) 4-Nitroaniline	15.057	138	145840m	32.127	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	149416	32.432	ng/ul#	99
67) N-Nitrosodiphenylamine	15.251	169	600769	28.048	ng/ul	99
68) 4-Bromophenyl-phenylether	15.934	248	225675	27.678	ng/ul	94
69) Hexachlorobenzene	16.034	284	255977	26.447	ng/ul	96
70) Atrazine	16.228	200	1078	0.141	ng/ul	97
71) Pentachlorophenol	16.381	266	172001	27.991	ng/ul	98
72) Phenanthrene	16.769	178	1095796	26.398	ng/ul	99
74) Anthracene	16.857	178	1089948	26.006	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	285323	26.691	ng/uL	96
76) Pentachlorobenzene	14.287	250	306208	27.825	ng/uL	99
77) Carbazole	17.139	167	1009299	28.940	ng/ul	100
78) Di-n-butylphthalate	17.739	149	1173865	28.914	ng/ul	99
80) Fluoranthene	18.810	202	1332241	28.806	ng/ul	99
82) Pyrene	19.175	202	1388574	27.996	ng/ul	99
83) Butylbenzylphthalate	20.133	149	453080	32.411	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.910	252	243856	18.332	ng/ul	99
85) Benzo(a)anthracene	20.963	228	1359145	27.135	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	702283	31.861	ng/ul	100
87) Chrysene	21.022	228	1328745	27.533	ng/ul	98
89) Di-n-octyl phthalate	21.969	149	1227459	31.016	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	1457726	29.048	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	1366226	26.587	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1311294	27.841	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.604	276	1530440	27.241	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	1246081	27.374	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1147737	26.916	ng/ul	99

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

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