Quantitation Report (Qedit)

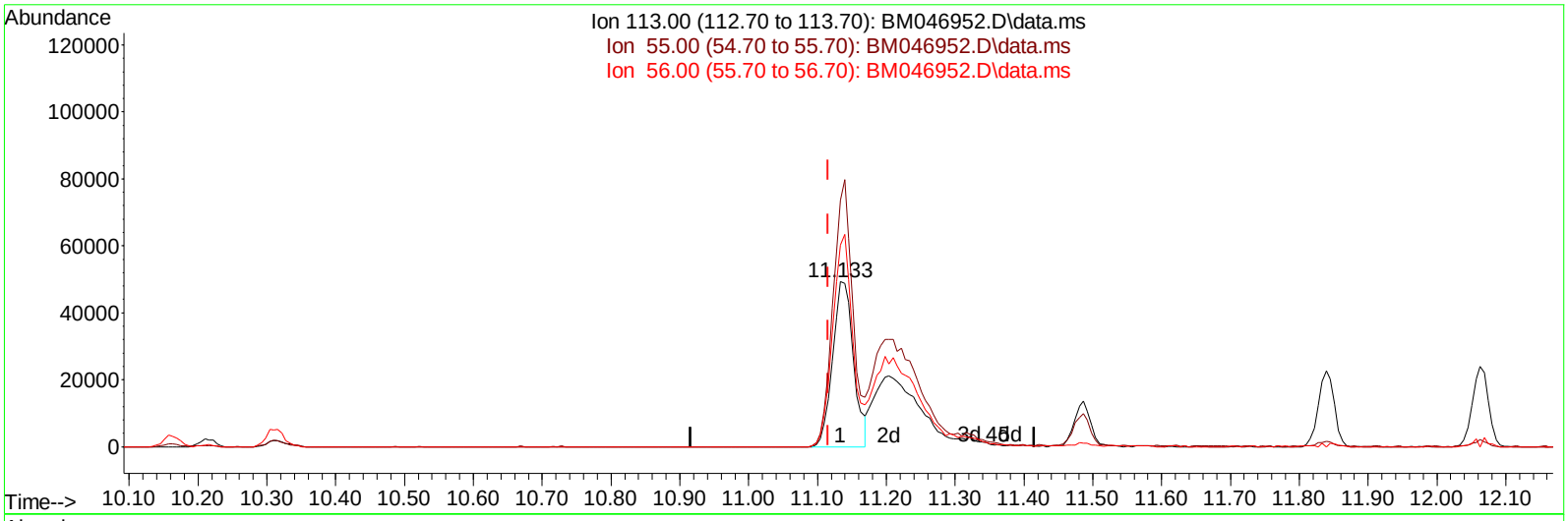
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
Data File : BM046952.D
Acq On : 02 Aug 2024 17:03
Operator : MA/JU
Sample : SSTD08028
Misc :
ALS Vial : 6 Sample Multiplier: 1

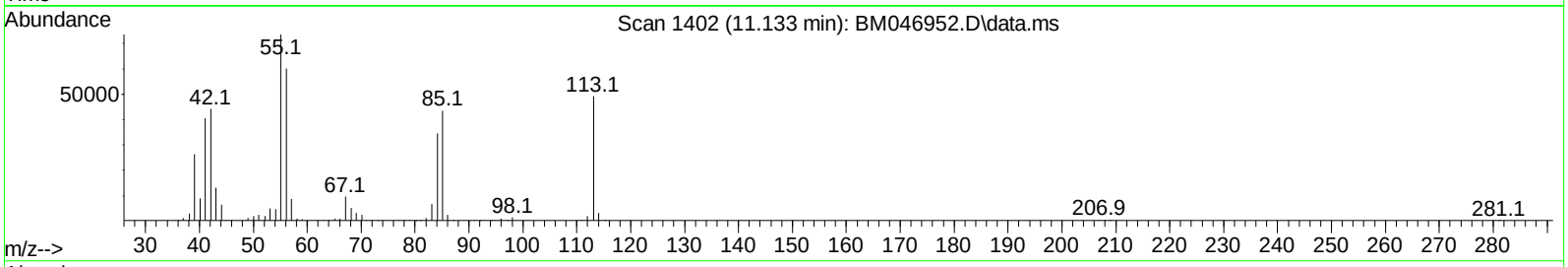
Quant Time: Aug 03 02:22:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:17:59 2024
Response via : Initial Calibration

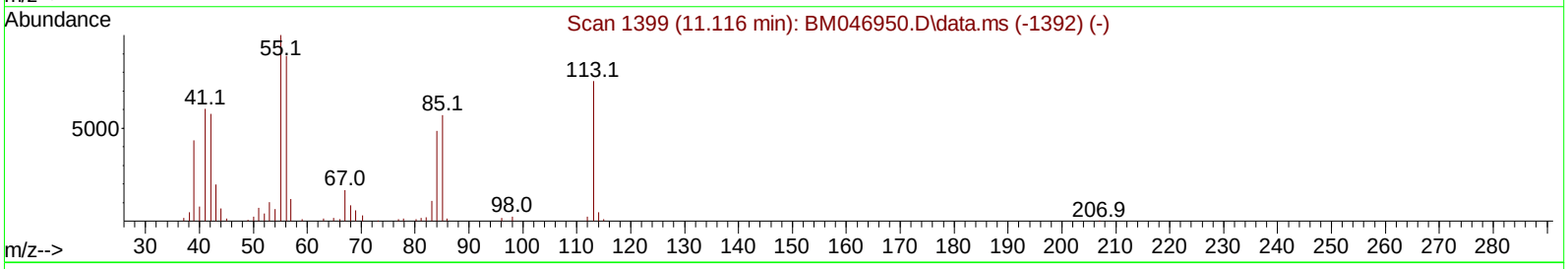
Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024







TIC: BM046952.D\data.ms

(34) Caprolactam

11.133min (+ 0.018) 44.50 ng/ul

response 103093

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	149.26
56.00	118.20	122.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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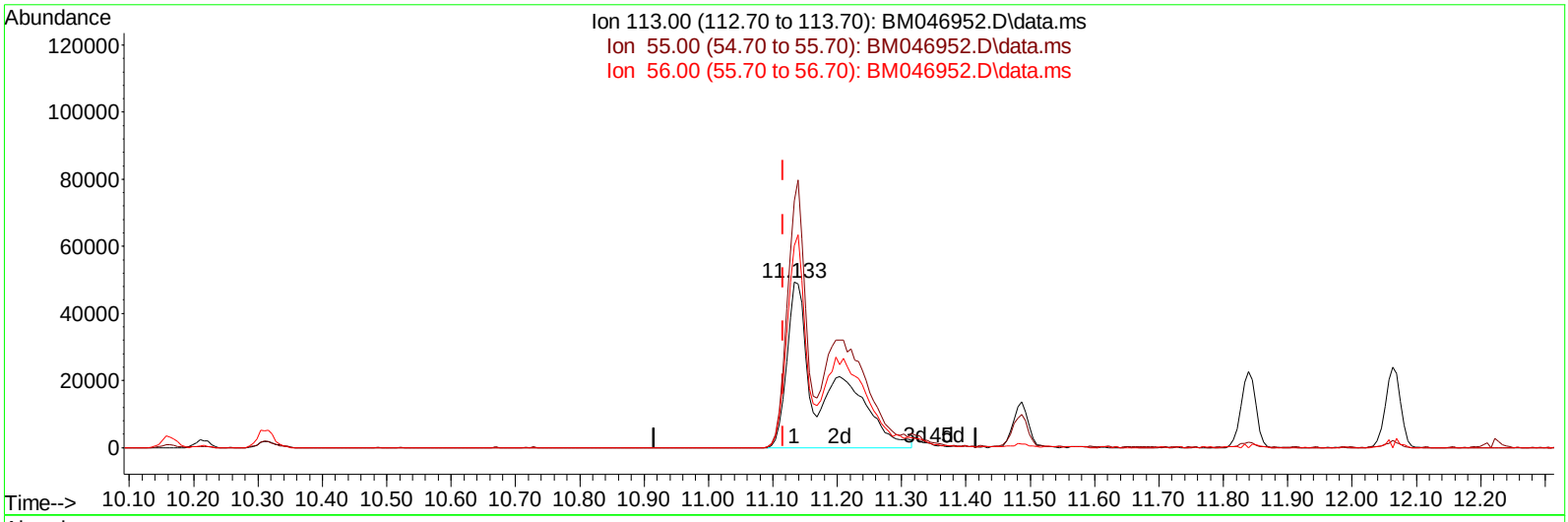

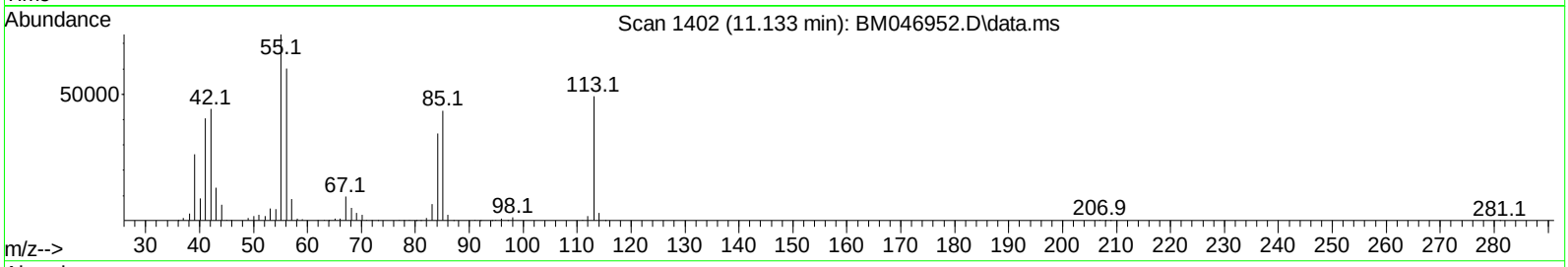

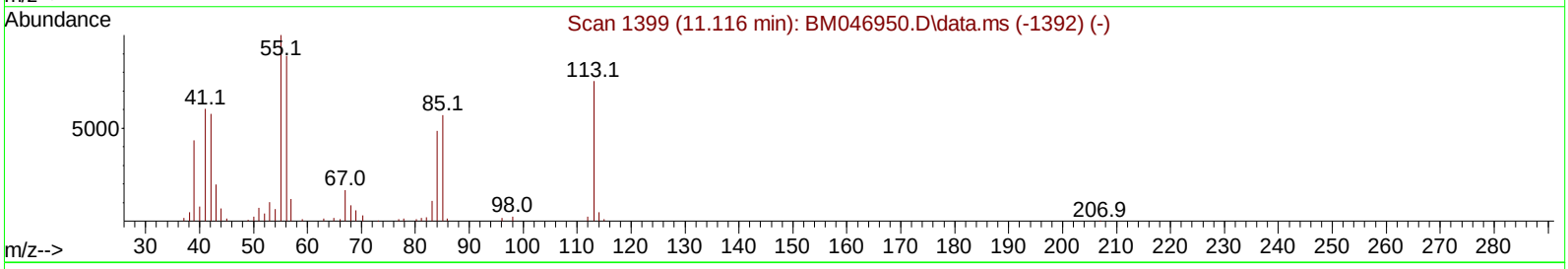

TIC: BM046952.D\data.ms

(34) Caprolactam

11.133min (+ 0.018) 87.08 ng/ul m

response 201731

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	149.26
56.00	118.20	122.23
0.00	0.00	0.00

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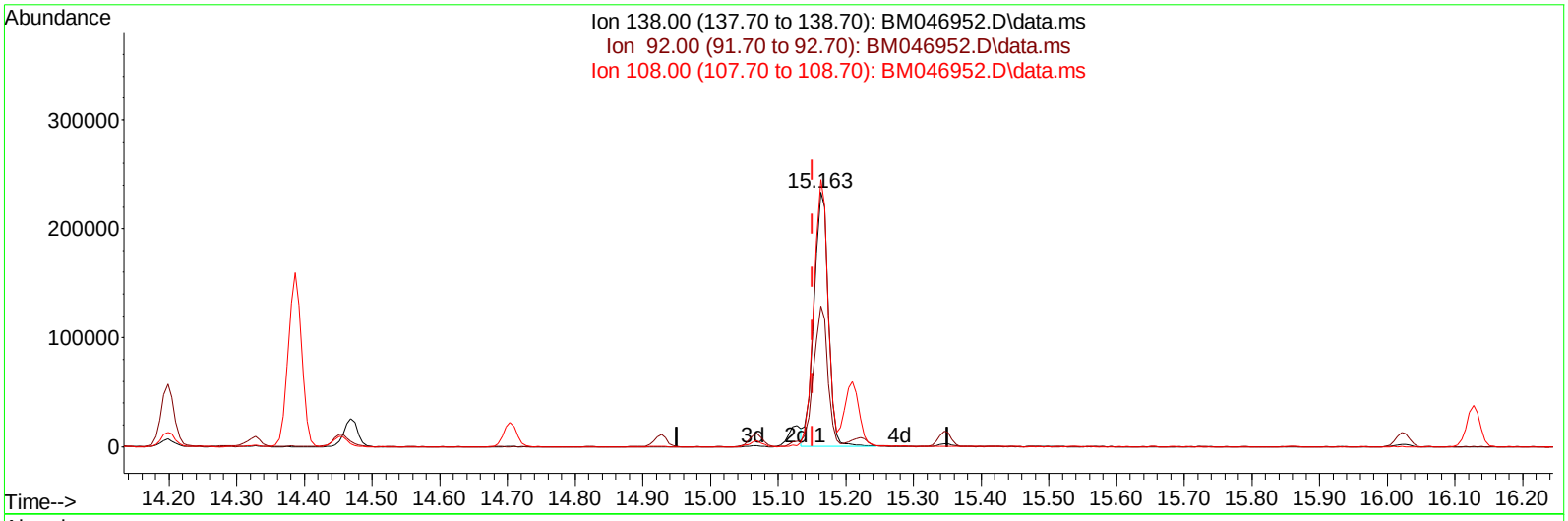

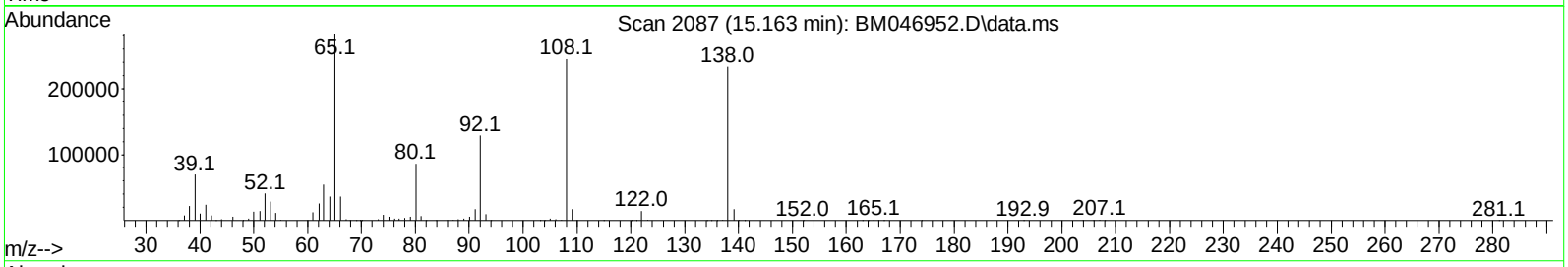

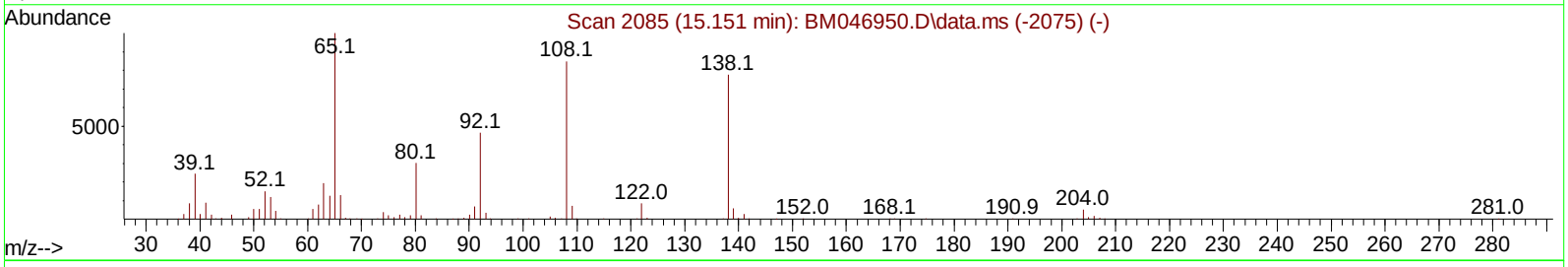

TIC: BM046952.D\data.ms

(63) 4-Nitroaniline

15.163min (+ 0.012) 71.06 ng/ul

response 347763

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	55.19
108.00	109.10	104.91
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 03 02:22:54 2024
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Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual IntegrationsAPPROVED

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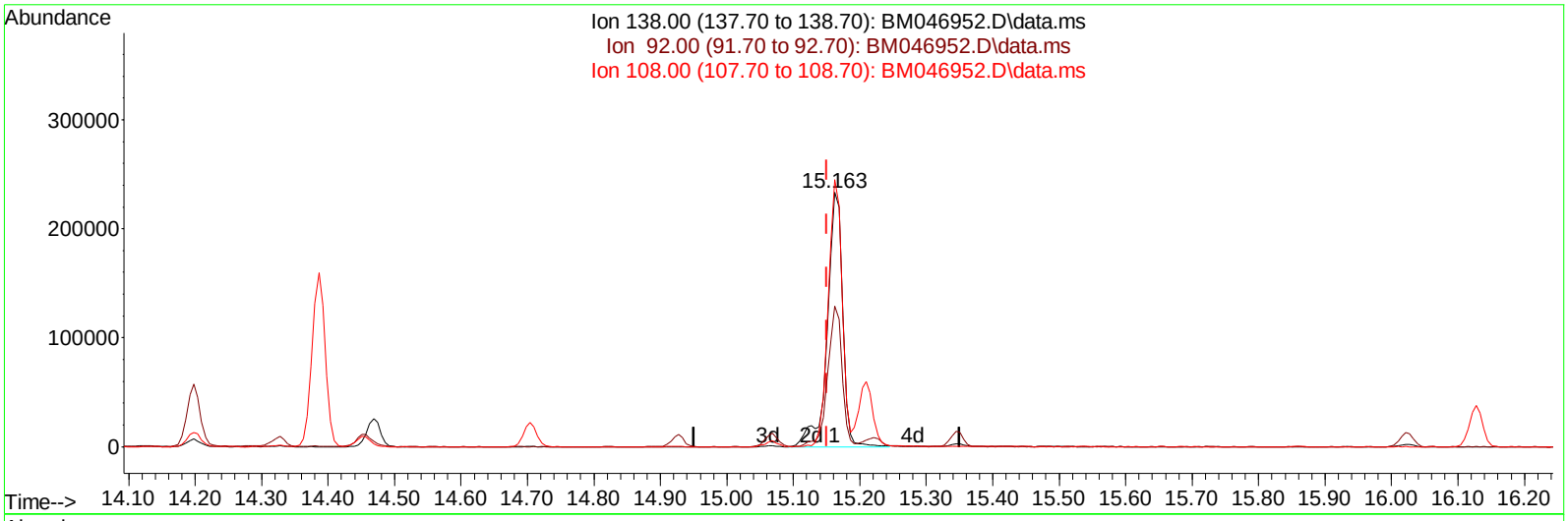

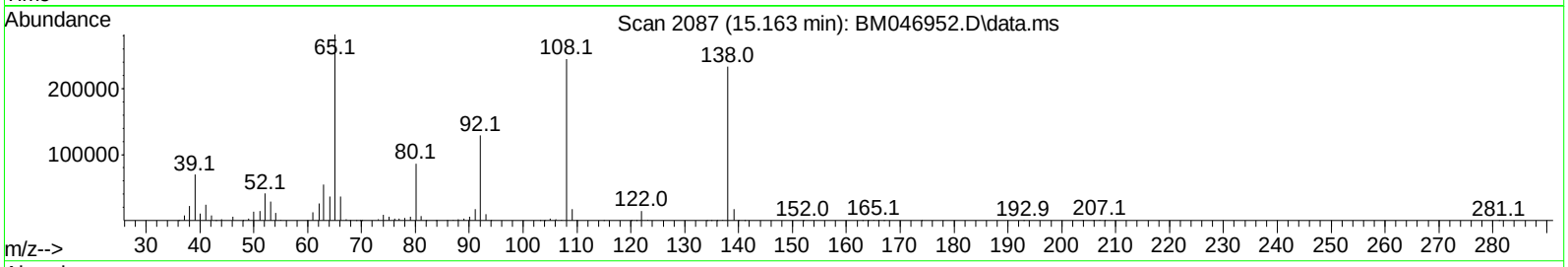

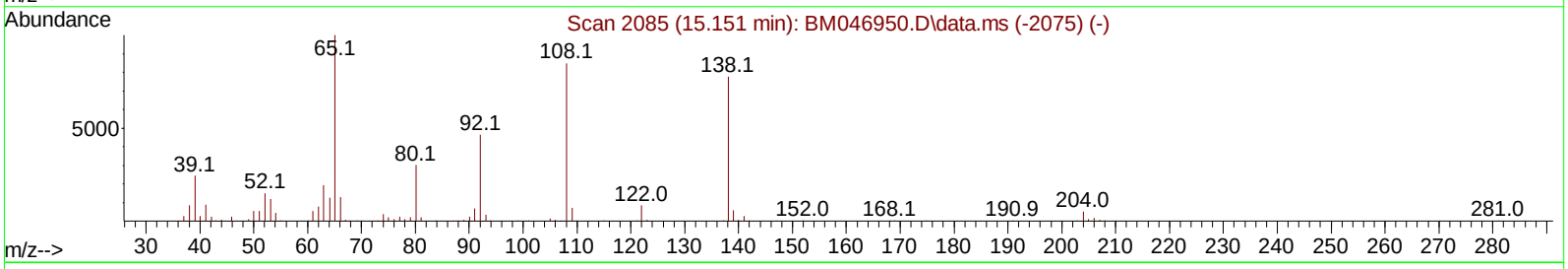

TIC: BM046952.D\data.ms

(63) 4-Nitroaniline

15.163min (+ 0.012) 76.47 ng/ul m

response 374245

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	55.19
108.00	109.10	104.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 02 Aug 2024 17:03
Operator : MA/JU
Sample : SSTD08028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 03 02:39:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:17:59 2024
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Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	117901	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	463869	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.063	164	320592	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	716610	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	642569	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	746944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	93729	40.744	ng/uL	0.00
4) Pyridine-d5	3.410	84	620936	64.446	ng/ul	0.00
7) Phenol-d5	6.610	99	691436	66.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.763	67	459503	68.394	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	593222	70.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.134	113	563426	84.325	ng/ul	0.01
21) Nitrobenzene-d5	8.551	128	297221	84.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.263	143	343806	71.974	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	634316	67.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.310	131	800055	78.291	ng/ul	0.00
46) Dimethylphthalate-d6	13.492	166	1937205	80.884	ng/ul	0.00
49) Acenaphthylene-d8	13.751	160	2139592	79.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.310	143	390392	86.817	ng/ul	0.01
60) Fluorene-d10	15.068	176	1606148	71.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.210	200	369328	79.442	ng/ul	0.00
73) Anthracene-d10	16.921	188	2568483	74.761	ng/ul	0.00
81) Pyrene-d10	19.239	212	3123874	94.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	3298124	83.133	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	97900	40.249	ng/uL	95
5) Pyridine	3.428	79	607189	62.677	ng/ul	94
6) Benzaldehyde	6.563	77	375634	57.501	ng/ul	98
8) Phenol	6.640	94	678643	62.826	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.851	93	600277	71.127	ng/ul	97
12) 2-Chlorophenol	6.981	128	587682	70.920	ng/ul	97
13) 2-Methylphenol	7.863	108	534970	82.652	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.928	45	723470	86.825	ng/ul	99
16) Acetophenone	8.228	105	840587	76.094	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.228	70	441521	86.839	ng/ul	98
18) 4-Methylphenol	8.192	108	573360	81.981	ng/ul	93
19) Hexachloroethane	8.457	117	293288	82.855	ng/ul	93
22) Nitrobenzene	8.592	77	755733	81.788	ng/ul	97
23) Isophorone	9.128	82	1300642	74.764	ng/ul	99
25) 2-Nitrophenol	9.298	139	364351	69.345	ng/ul	99
26) 2,4-Dimethylphenol	9.375	107	667643	68.765	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.610	93	822399	84.251	ng/ul	99
29) 2,4-Dichlorophenol	9.828	162	617819	66.276	ng/ul	97
30) Naphthalene	10.210	128	1829449	76.931	ng/ul	99
32) 4-Chloroaniline	10.339	127	755117	77.025	ng/ul	99
33) Hexachlorobutadiene	10.504	225	437617	58.219	ng/ul	96
34) Caprolactam	11.133	113	201731m	87.082	ng/ul	
35) 4-Chloro-3-methylphenol	11.486	107	651791	85.348	ng/ul	99

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Sample : SSTD08028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 03 02:39:43 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.839	142	1339027	65.837 ng/ul	99
37) 1-Methylnaphthalene	12.063	142	1342515	66.825 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.222	216	778798	63.053 ng/ul	98
40) Hexachlorocyclopentadiene	12.198	237	529768	73.140 ng/ul	97
41) 2,4,6-Trichlorophenol	12.475	196	539580	70.179 ng/ul	99
42) 2,4,5-Trichlorophenol	12.551	196	580553	70.364 ng/ul	98
43) 1,1'-Biphenyl	12.886	154	1784616	72.952 ng/ul	98
44) 2-Chloronaphthalene	12.922	162	1403559	70.140 ng/ul	99
45) 2-Nitroaniline	13.145	65	489531	95.722 ng/ul	99
47) Dimethylphthalate	13.539	163	1899713	79.268 ng/ul	100
48) 2,6-Dinitrotoluene	13.657	165	418463	86.330 ng/ul	89
50) Acenaphthylene	13.780	152	2182326	79.834 ng/ul	99
51) 3-Nitroaniline	13.986	138	402733	84.864 ng/ul	95
52) Acenaphthene	14.127	153	1578369	79.429 ng/ul	99
53) 2,4-Dinitrophenol	14.198	184	301027	84.550 ng/ul	95
55) 4-Nitrophenol	14.327	109	372068	68.663 ng/ul	98
56) Dibenzofuran	14.469	168	2190066	72.487 ng/ul	97
57) 2,4-Dinitrotoluene	14.457	165	607480	82.570 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.704	232	525658	73.339 ng/ul	95
59) Diethylphthalate	14.927	149	2052043	81.233 ng/ul	98
61) Fluorene	15.127	166	1836718	73.239 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.127	204	910688	65.148 ng/ul	95
63) 4-Nitroaniline	15.163	138	374245m	76.470 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.227	198	397955	78.083 ng/ul#	92
67) N-Nitrosodiphenylamine	15.345	169	1569678	79.236 ng/ul	99
68) 4-Bromophenyl-phenylether	16.027	248	598403	70.900 ng/ul	93
69) Hexachlorobenzene	16.127	284	703861	70.595 ng/ul	97
70) Atrazine	16.321	200	652041	78.279 ng/ul	98
71) Pentachlorophenol	16.480	266	505921	76.684 ng/ul	97
72) Phenanthrene	16.868	178	3047556	78.811 ng/ul	100
74) Anthracene	16.957	178	3031868	76.763 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	803674	71.687 ng/uL	96
76) Pentachlorobenzene	14.386	250	811698	70.279 ng/uL	99
77) Carbazole	17.239	167	2877729	80.860 ng/ul	100
78) Di-n-butylphthalate	17.821	149	3709703	88.764 ng/ul	99
80) Fluoranthene	18.898	202	3681348	87.509 ng/ul	98
82) Pyrene	19.268	202	3858752	94.129 ng/ul	97
83) Butylbenzylphthalate	20.203	149	1759628	109.982 ng/ul	99
84) 3,3'-Dichlorobenzidine	20.986	252	1298442	84.179 ng/ul	98
85) Benzo(a)anthracene	21.045	228	3800715	81.916 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.003	149	2473682	96.018 ng/ul	99
87) Chrysene	21.103	228	3520773	79.538 ng/ul	100
89) Di-n-octyl phthalate	22.050	149	4373596	93.405 ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	3836303	82.300 ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	3769261	82.519 ng/ul	98
93) Benzo(a)pyrene	23.656	252	3534710	81.628 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.803	276	4361107	80.431 ng/ul	97
95) Dibenzo(a,h)anthracene	26.856	278	3467352	78.875 ng/ul	98
96) Benzo(g,h,i)perylene	27.750	276	3481355	74.608 ng/ul	99

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

Instrument :
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