Quantitation Report (Qedit)

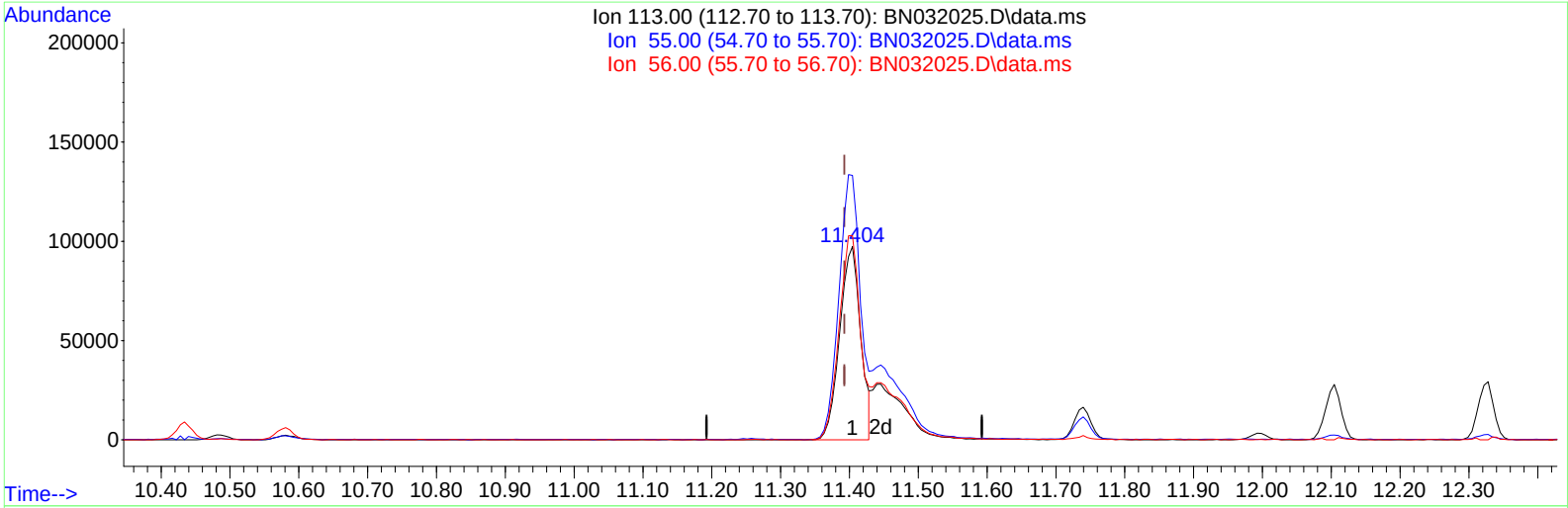
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032025.D
Acq On : 15 Jun 2024 07:38
Operator : MA/JU
Sample : PB161388BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

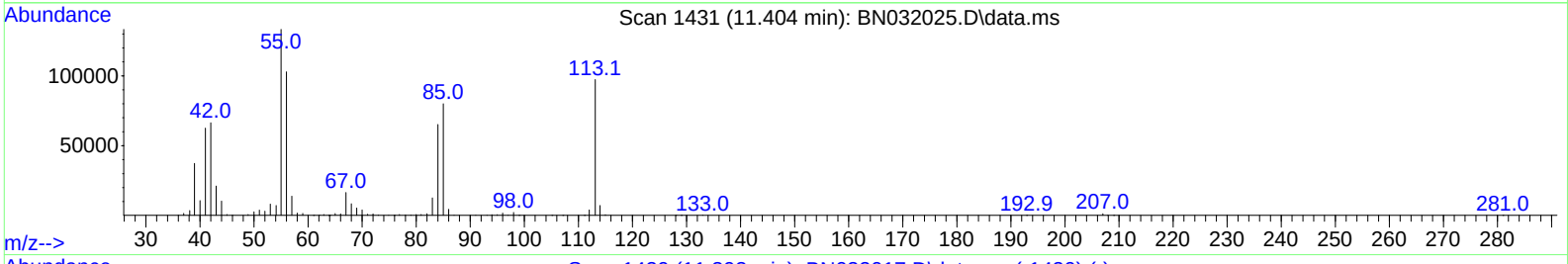
Quant Time: Jun 17 01:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

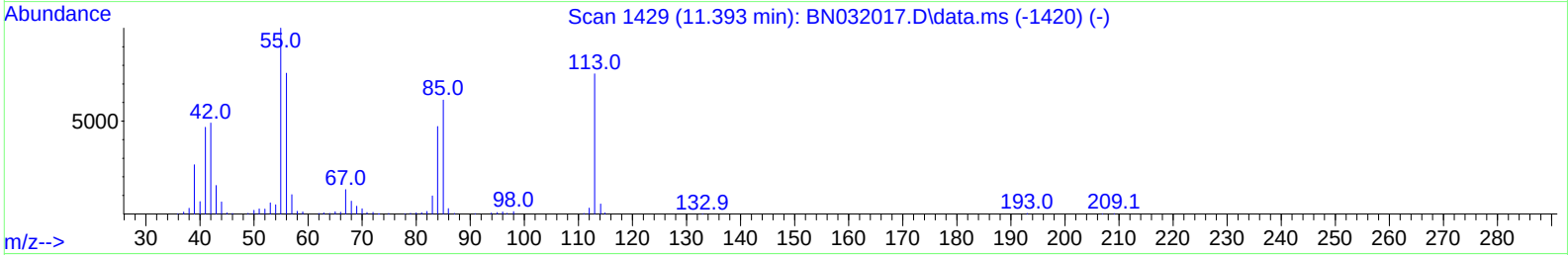
Instrument :
BNA_N
ClientSampleId :
SLCS388

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024







TIC: BN032025.D\data.ms

(34) Caprolactam

11.404min (+ 0.012) 25.15 ng/ul

response 205718

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	136.89
56.00	111.70	105.70
0.00	0.00	0.00

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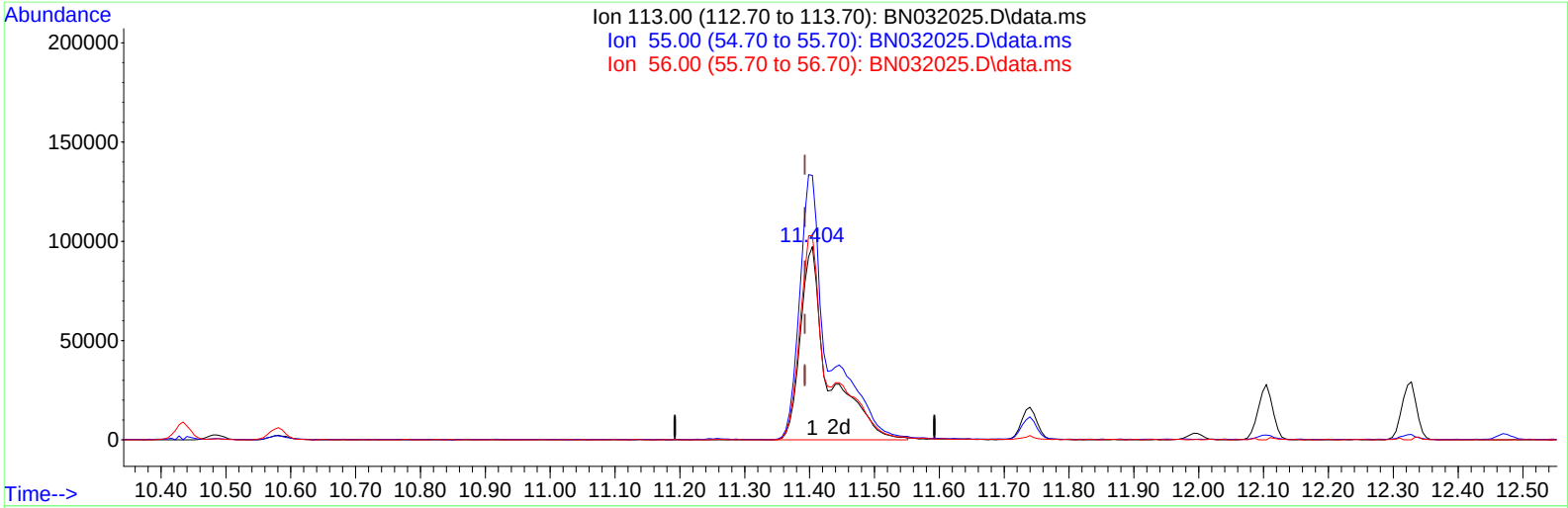

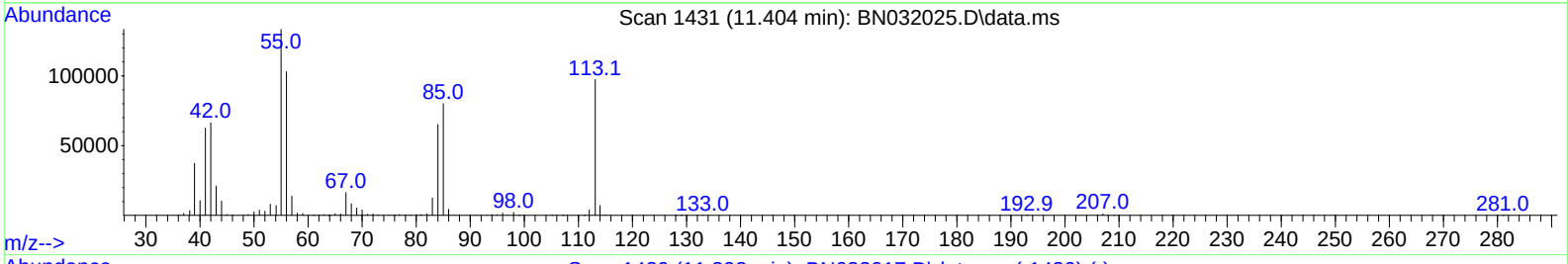

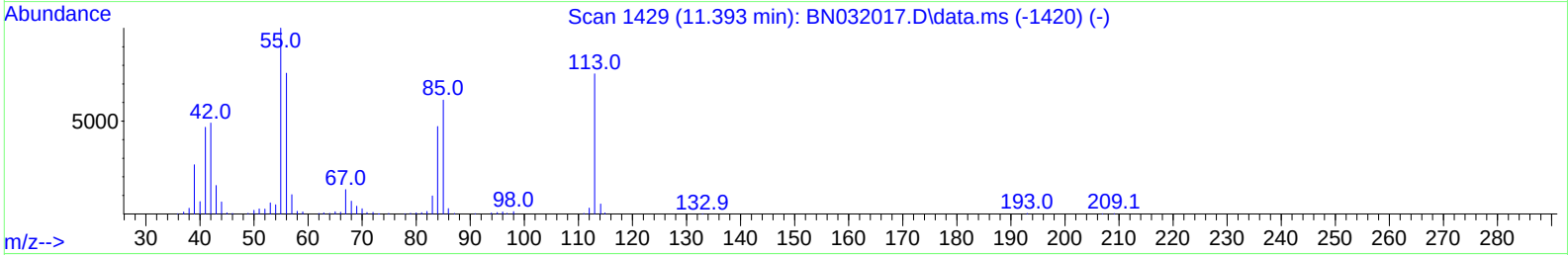

TIC: BN032025.D\data.ms

(34) Caprolactam

11.404min (+ 0.012) 36.28 ng/ul m

response 296736

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	136.89
56.00	111.70	105.70
0.00	0.00	0.00

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Sample : PB161388BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 17 01:32:47 2024
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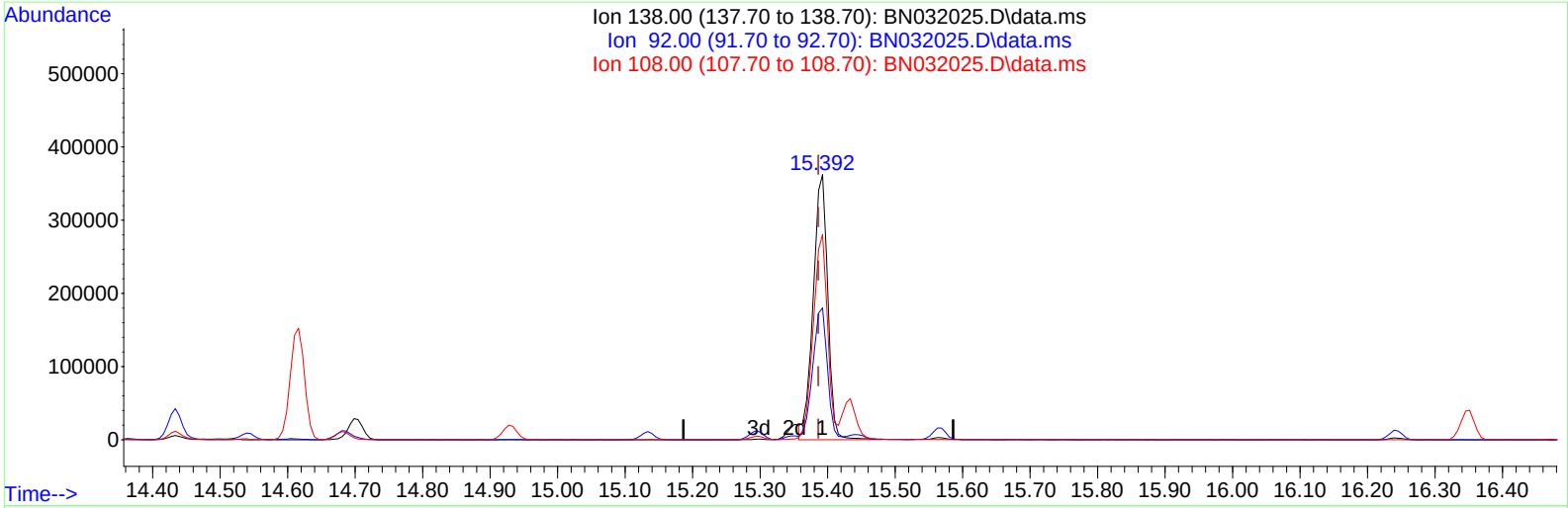

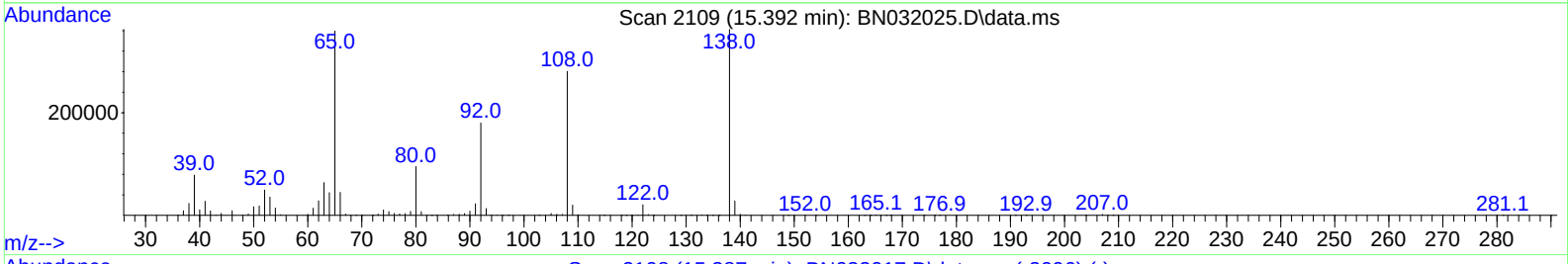

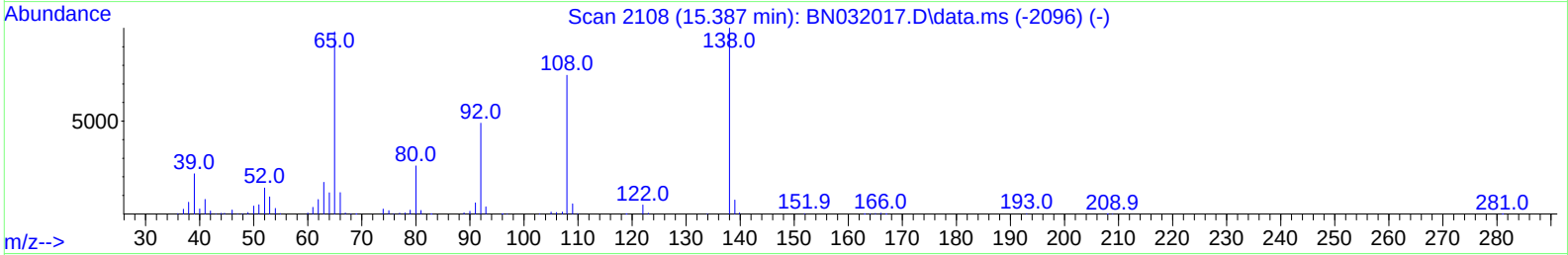

TIC: BN032025.D\data.ms

(63) 4-Nitroaniline

15.392min (+ 0.006) 40.68 ng/ul

response 543227

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.73
108.00	75.10	77.44
0.00	0.00	0.00

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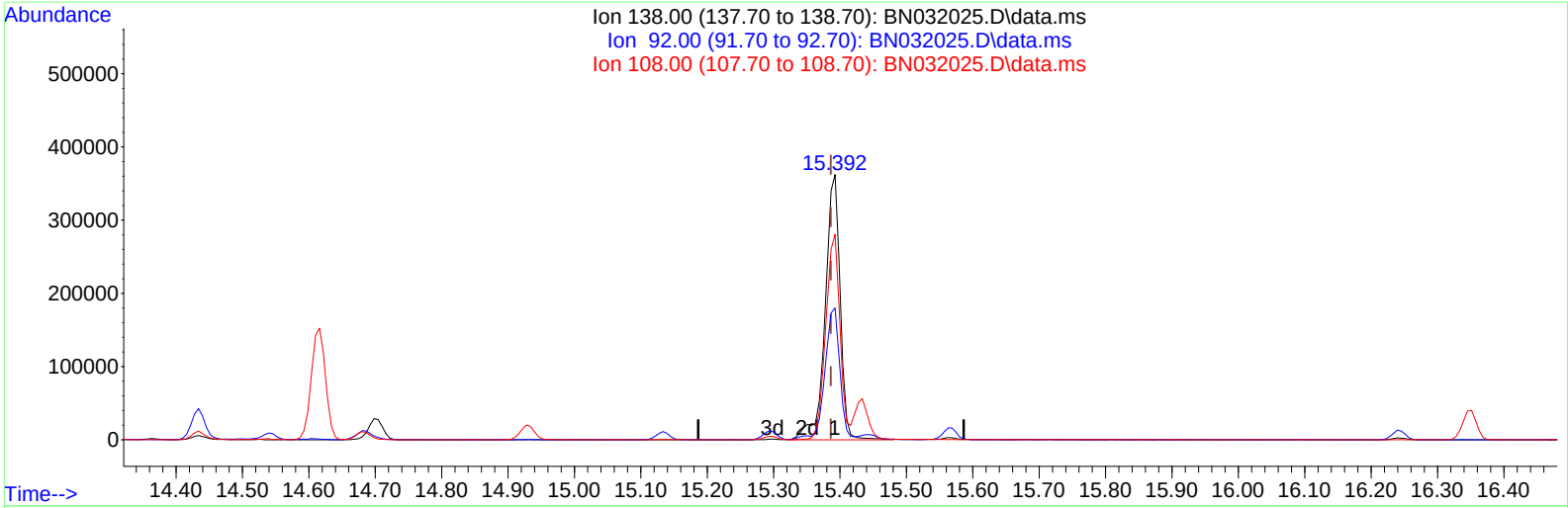

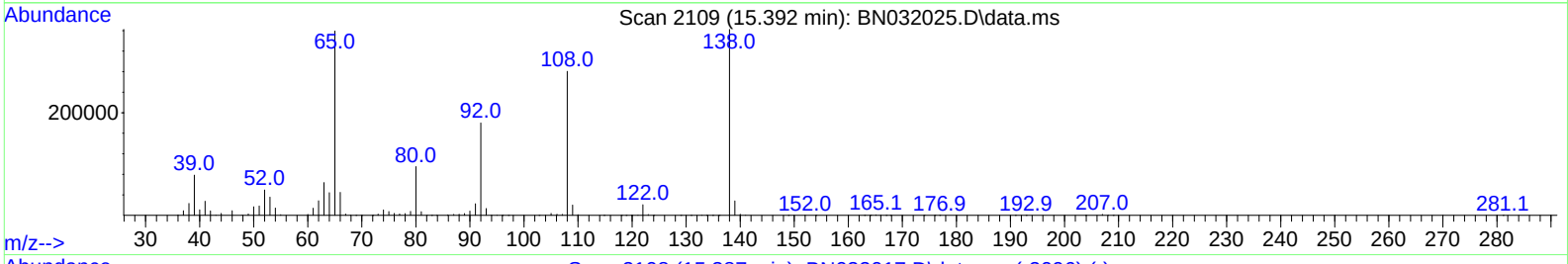

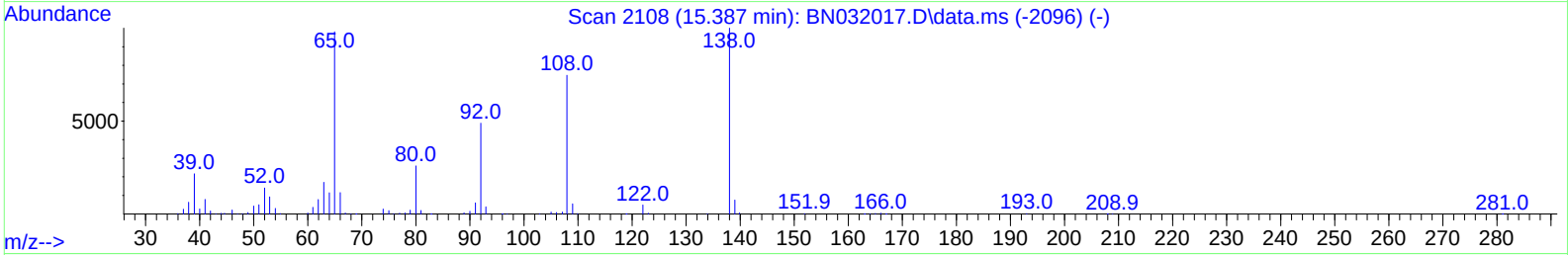

TIC: BN032025.D\data.ms

(63) 4-Nitroaniline

15.392min (+ 0.006) 42.73 ng/ul m

response 570634

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.73
108.00	75.10	77.44
0.00	0.00	0.00

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Acq On : 15 Jun 2024 07:38
Operator : MA/JU
Sample : PB161388BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 17 01:33:37 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	311887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	1439160	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	926460	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1790133	20.000	ng/ul	-0.01
79) Chrysene-d12	21.286	240	1082108	20.000	ng/ul	0.00
88) Perylene-d12	24.210	264	1146278	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	44676	5.926	ng/uL	0.00
4) Pyridine-d5	3.575	84	669439	31.545	ng/ul	0.00
7) Phenol-d5	6.834	99	963305	36.028	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	536593	34.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	783016	38.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	804314	36.903	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	399619	36.316	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	442198	38.903	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	790416	37.248	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	1110135	35.234	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	2310928	35.805	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	2714172	36.572	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	443686	34.333	ng/ul	0.00
60) Fluorene-d10	15.298	176	1915371	35.073	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	330053	36.680	ng/ul	0.00
73) Anthracene-d10	17.151	188	2843440	37.101	ng/ul	0.00
81) Pyrene-d10	19.451	212	2728828	47.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1979212	36.160	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	100599	12.472	ng/uL	97
5) Pyridine	3.593	79	685895	32.325	ng/ul	99
6) Benzaldehyde	6.805	77	551286	43.959	ng/ul	99
8) Phenol	6.858	94	1006944	37.005	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.087	93	776860	34.527	ng/ul	98
12) 2-Chlorophenol	7.222	128	795055	37.240	ng/ul	99
13) 2-Methylphenol	8.099	108	771285	36.699	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.175	45	898790	34.701	ng/ul	99
16) Acetophenone	8.475	105	1216053	36.816	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.463	70	597970	34.936	ng/ul	96
18) 4-Methylphenol	8.428	108	856585	37.599	ng/ul	97
19) Hexachloroethane	8.716	117	320393	35.439	ng/ul	92
22) Nitrobenzene	8.857	77	897902	34.249	ng/ul	96
23) Isophorone	9.381	82	1788632	33.258	ng/ul	98
25) 2-Nitrophenol	9.557	139	482211	38.829	ng/ul	98
26) 2,4-Dimethylphenol	9.622	107	780105	32.291	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.857	93	1099410	32.801	ng/ul	100
29) 2,4-Dichlorophenol	10.087	162	783268	37.382	ng/ul	100
30) Naphthalene	10.487	128	2592112	34.802	ng/ul	99
32) 4-Chloroaniline	10.604	127	986233	32.241	ng/ul	99
33) Hexachlorobutadiene	10.757	225	446752	35.501	ng/ul	100
34) Caprolactam	11.404	113	296736m	36.282	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	927747	37.881	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	1833348	36.011	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1836065	35.943	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.475	216	931765	38.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.446	237	313666	22.212	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	637100	38.309	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	692103	38.297	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	2366115	36.309	ng/ul	96
44) 2-Chloronaphthalene	13.169	162	1840433	36.059	ng/ul	98
45) 2-Nitroaniline	13.387	65	562946	38.050	ng/ul	94
47) Dimethylphthalate	13.763	163	2362280	35.788	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	516861	39.393	ng/ul	97
50) Acenaphthylene	14.022	152	2979496	35.524	ng/ul	100
51) 3-Nitroaniline	14.222	138	560636	39.964	ng/ul	99
52) Acenaphthene	14.363	153	1922468	34.642	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	235800	35.599	ng/ul	98
55) 4-Nitrophenol	14.540	109	341986	35.674	ng/ul	93
56) Dibenzofuran	14.704	168	2681686	35.567	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	725124	37.664	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	561119	37.119	ng/ul	99
59) Diethylphthalate	15.134	149	2361524	34.671	ng/ul	99
61) Fluorene	15.351	166	2148049	35.378	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	1024053	34.822	ng/ul	99
63) 4-Nitroaniline	15.392	138	570634m	42.729	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	364103	38.064	ng/ul	96
67) N-Nitrosodiphenylamine	15.569	169	1903778	38.582	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	663317	38.243	ng/ul	97
69) Hexachlorobenzene	16.351	284	768073	39.071	ng/ul	96
70) Atrazine	16.522	200	515962	33.118	ng/ul	98
71) Pentachlorophenol	16.704	266	424826	33.777	ng/ul	98
72) Phenanthrene	17.092	178	3346894	36.702	ng/ul	97
74) Anthracene	17.186	178	3303482	35.751	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	902027	39.148	ng/uL	96
76) Pentachlorobenzene	14.616	250	907189	40.423	ng/uL	97
77) Carbazole	17.457	167	2998135	38.052	ng/ul	98
78) Di-n-butylphthalate	18.022	149	3999815	36.899	ng/ul	100
80) Fluoranthene	19.116	202	3416812	49.374	ng/ul	97
82) Pyrene	19.480	202	3358671	47.304	ng/ul	96
83) Butylbenzylphthalate	20.386	149	1507688	44.958	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.198	252	797602	38.437	ng/ul	98
85) Benzo(a)anthracene	21.269	228	2587297	35.721	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	1979824	40.500	ng/ul	99
87) Chrysene	21.327	228	2447955	36.183	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	3077623	40.104	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2469666	36.045	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	2447514	36.404	ng/ul	98
93) Benzo(a)pyrene	24.074	252	2101233	32.744	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.509	276	2984964	40.367	ng/ul	99
95) Dibenzo(a,h)anthracene	27.562	278	2450397	40.589	ng/ul	97
96) Benzo(g,h,i)perylene	28.539	276	2401568	40.855	ng/ul	96

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

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