Quantitation Report (Qedit)

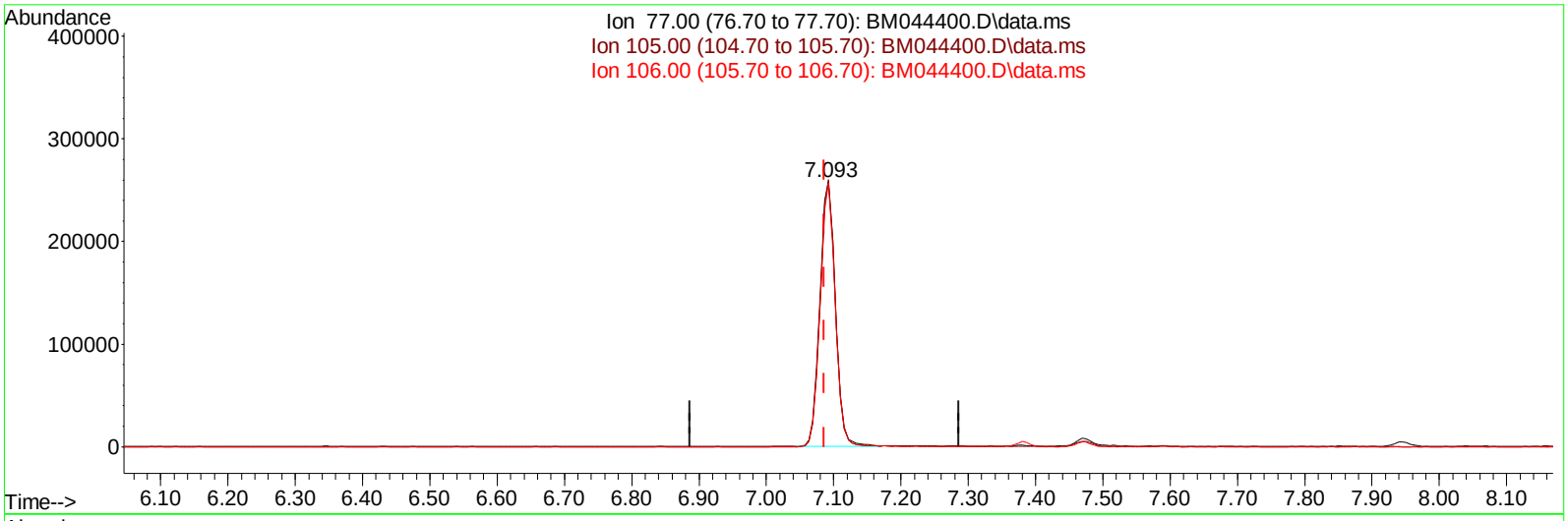
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044400.D
Acq On : 28 Feb 2024 12:36
Operator : MA/JU
Sample : P1508-03MSD
Misc :
ALS Vial : 82 Sample Multiplier: 1

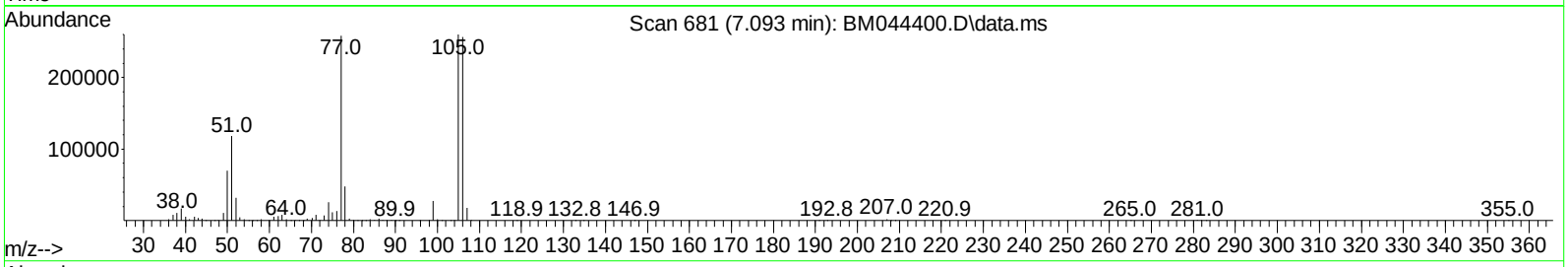
Quant Time: Feb 28 13:09:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 23:05:48 2024
Response via : Initial Calibration

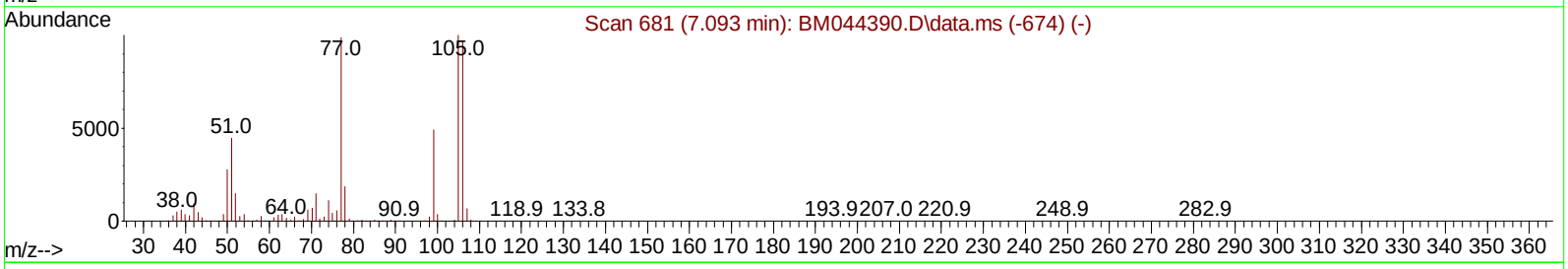
Instrument :
BNA_M
ClientSampleId :
BH3Z5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/29/2024
Supervised By :mohammad ahmed 02/29/2024







TIC: BM044400.D\data.ms

(6) Benzaldehyde

7.093min (+ 0.006) 49.11 ng/ul

response 411771

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.64
106.00	96.80	99.33
0.00	0.00	0.00

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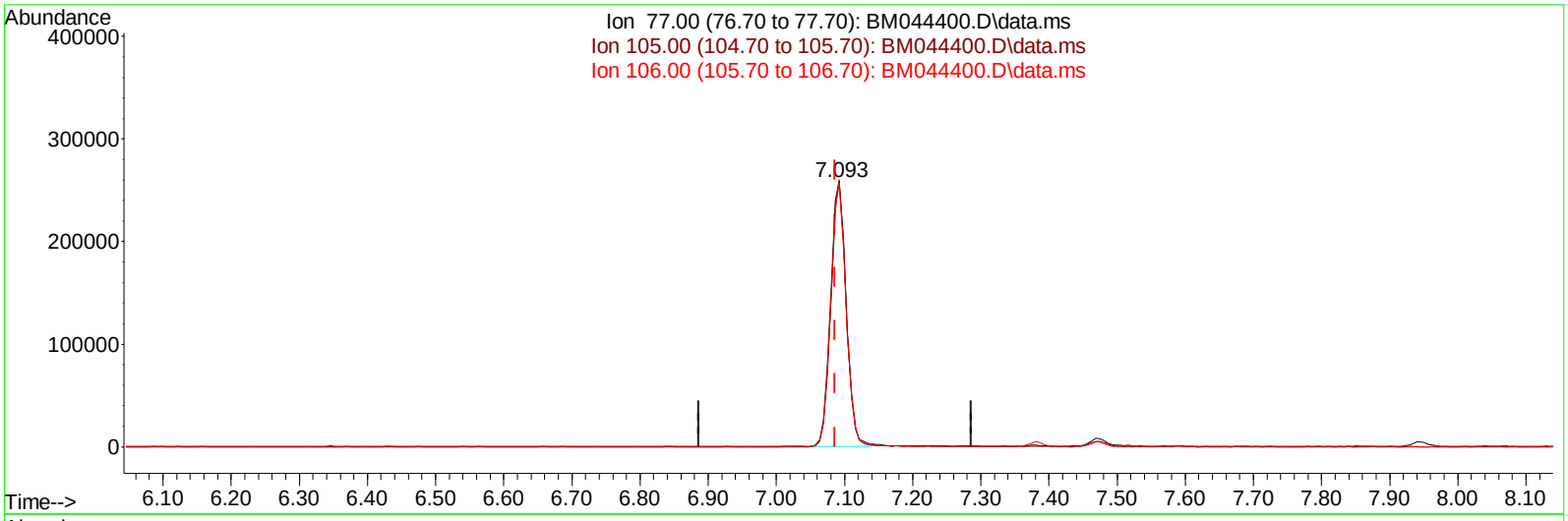

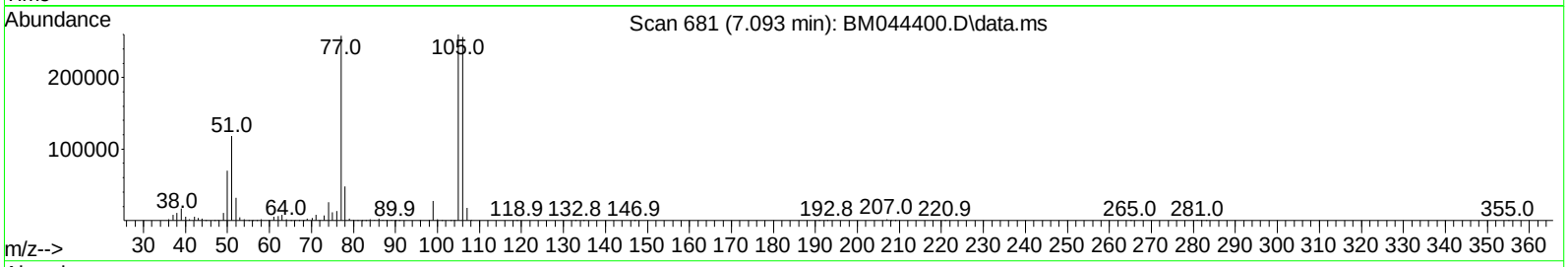

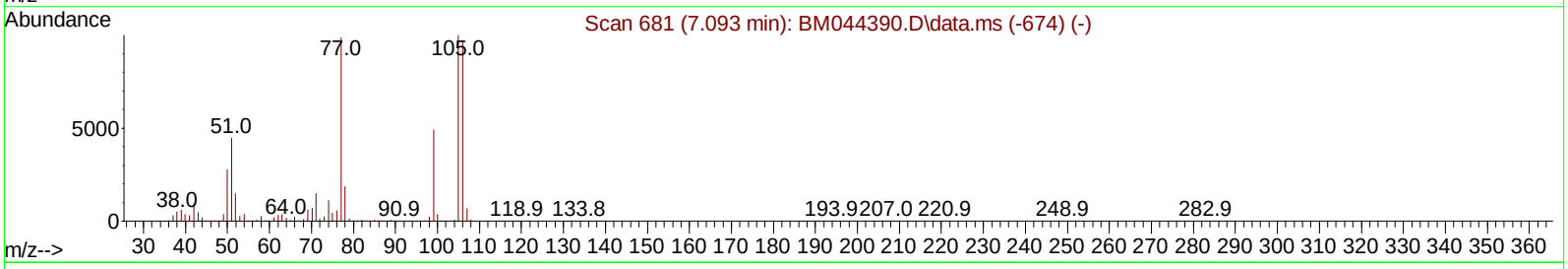

TIC: BM044400.D\data.ms

(6) Benzaldehyde

7.093min (+ 0.006) 48.95 ng/ul m

response 410395

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	100.64
106.00	96.80	99.33
0.00	0.00	0.00

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Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Feb 28 13:08:08 2024
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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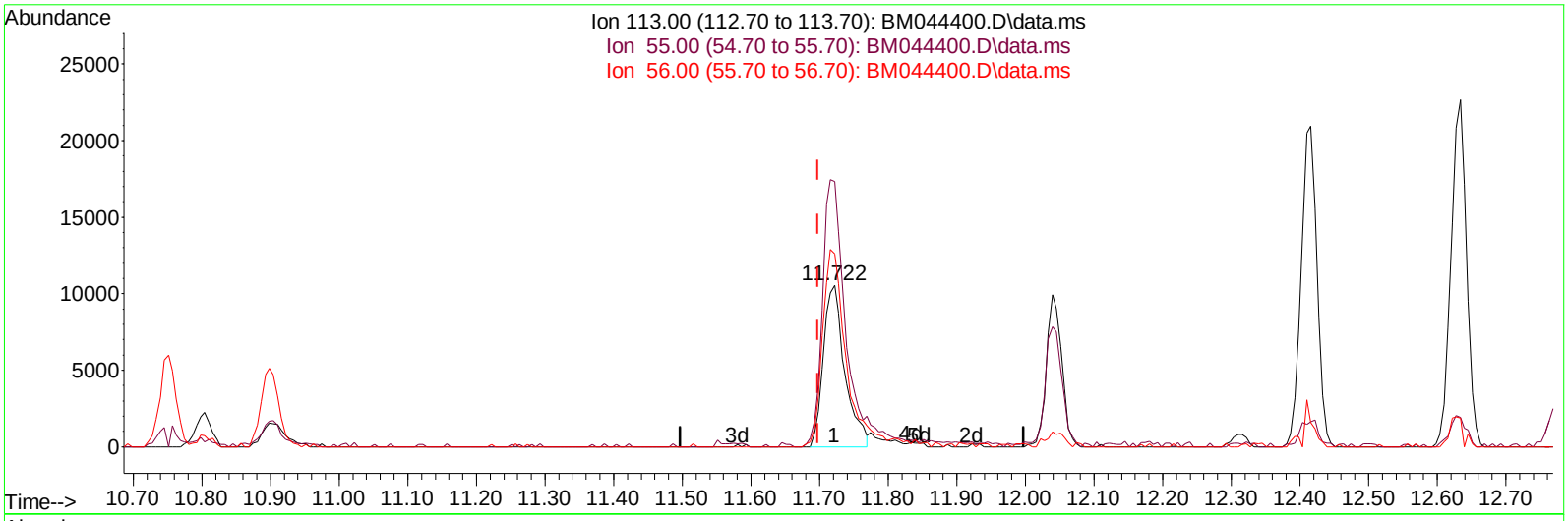

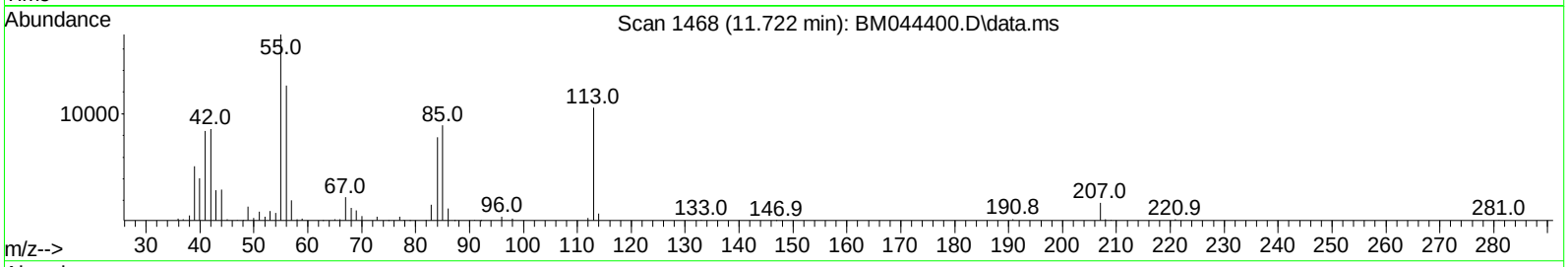

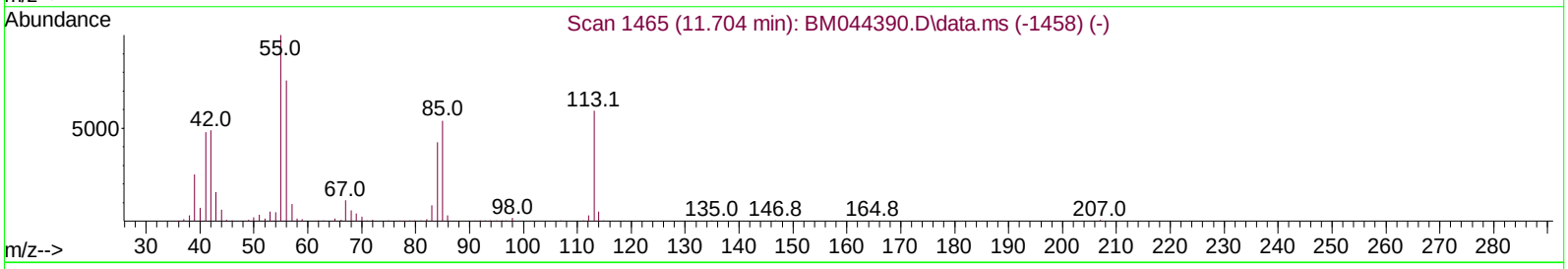

TIC: BM044400.D\data.ms

(34) Caprolactam

11.722min (+ 0.024) 5.07 ng/ul

response 22904

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	163.92
56.00	128.00	119.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : P1508-03MSD
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Feb 28 13:08:08 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 23:05:48 2024
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Instrument :
BNA_M
ClientSampleId :
BH3Z5MSD

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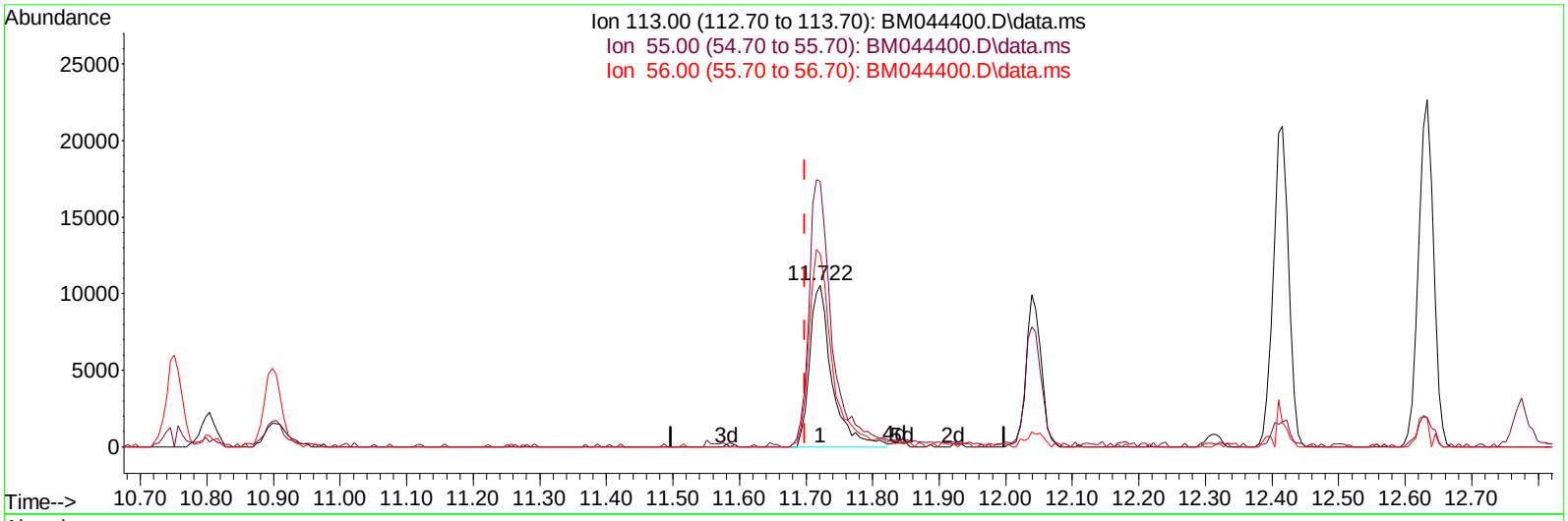

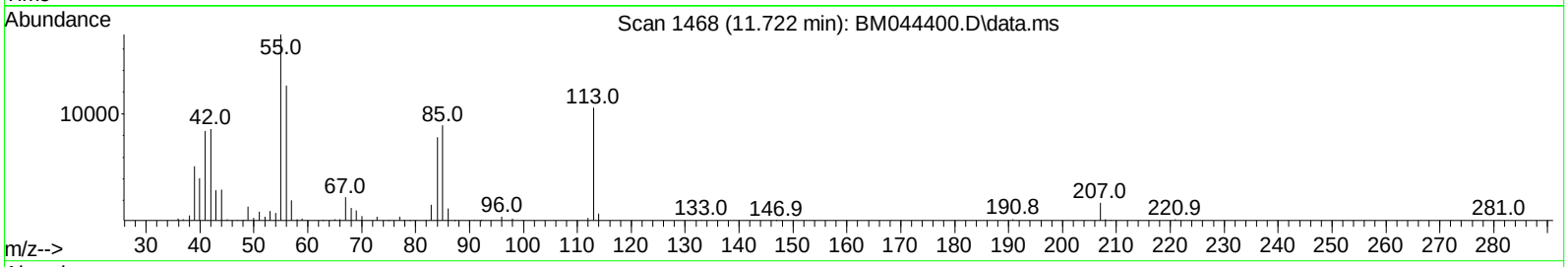

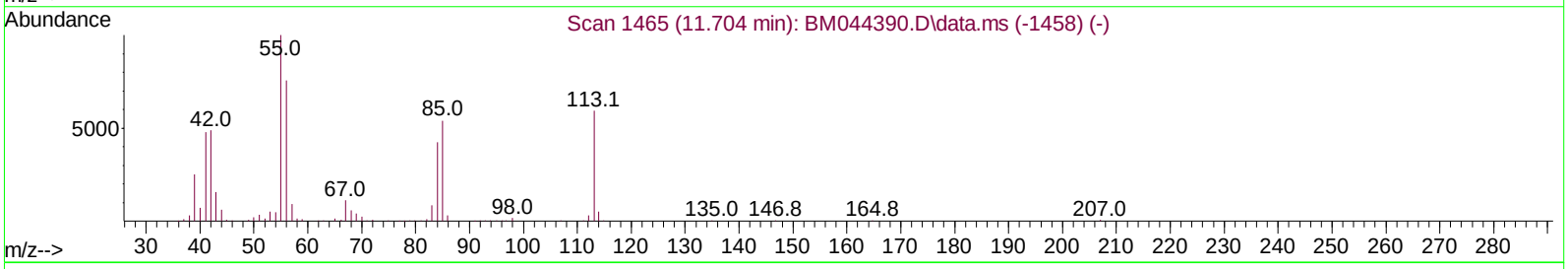

TIC: BM044400.D\data.ms

(34) Caprolactam

11.722min (+ 0.024) 5.40 ng/ul m

response 24393

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	163.92
56.00	128.00	119.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM044400.D
Acq On : 28 Feb 2024 12:36
Operator : MA/JU
Sample : P1508-03MSD
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Feb 28 23:57:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 23:05:48 2024
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BH3Z5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/29/2024
Supervised By :mohammad ahmed 02/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	201637	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	882585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	502908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1013911	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	829907	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	889338	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29095	4.553	ng/uL	0.00
4) Pyridine-d5	3.787	84	258268	14.798	ng/ul	0.00
7) Phenol-d5	7.110	99	171175	8.862	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	559584	44.736	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	517775	35.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	307018	21.006	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	353279	49.230	ng/ul	0.01
24) 2-Nitrophenol-d4	9.839	143	368303	50.305	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	582184	45.079	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	874388	40.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1911742	49.289	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	2270639	50.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	68235	8.841	ng/ul	0.00
60) Fluorene-d10	15.580	176	1650858	50.287	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	316307	50.278	ng/ul	0.00
73) Anthracene-d10	17.433	188	2496984	51.650	ng/ul	0.00
81) Pyrene-d10	19.733	212	2779162	55.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2484693	54.524	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	40421	6.001	ng/uL	97
5) Pyridine	3.805	79	269565	14.763	ng/ul	100
6) Benzaldehyde	7.093	77	410395m	48.946	ng/ul	
8) Phenol	7.134	94	177369	8.834	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	725952	43.196	ng/ul	99
12) 2-Chlorophenol	7.504	128	513332	34.106	ng/ul	96
13) 2-Methylphenol	8.392	108	372140	25.157	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	967666	42.113	ng/ul	98
16) Acetophenone	8.781	105	1069425	45.799	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	553970	47.359	ng/ul	98
18) 4-Methylphenol	8.728	108	341169	21.651	ng/ul	99
19) Hexachloroethane	9.016	117	281546	44.094	ng/ul	98
22) Nitrobenzene	9.163	77	790080	45.525	ng/ul	100
23) Isophorone	9.686	82	1575340	46.836	ng/ul	100
25) 2-Nitrophenol	9.869	139	377674	46.511	ng/ul	97
26) 2,4-Dimethylphenol	9.934	107	420938	27.149	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.181	93	997740	45.630	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	551793	42.216	ng/ul	99
30) Naphthalene	10.804	128	2248359	44.792	ng/ul	99
32) 4-Chloroaniline	10.922	127	690394	32.664	ng/ul	98
33) Hexachlorobutadiene	11.075	225	352372	44.748	ng/ul	99
34) Caprolactam	11.722	113	24393m	5.399	ng/ul	
35) 4-Chloro-3-methylphenol	12.039	107	538664	38.682	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/29/2024
Supervised By :mohammad ahmed 02/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	1487172	46.515	ng/ul	99
37) 1-Methylnaphthalene	12.633	142	1459429	46.175	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	700663	47.064	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	318113	31.759	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	447505	47.158	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	479942	46.785	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1876629	45.836	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1494938	46.632	ng/ul	99
45) 2-Nitroaniline	13.680	65	461076	51.948	ng/ul	97
47) Dimethylphthalate	14.063	163	1865975	47.071	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	386947	52.195	ng/ul	94
50) Acenaphthylene	14.310	152	2485189	47.017	ng/ul	99
51) 3-Nitroaniline	14.510	138	382309	48.882	ng/ul	96
52) Acenaphthene	14.651	153	1629954	46.710	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	186833	40.614	ng/ul	96
55) 4-Nitrophenol	14.804	109	46366	8.745	ng/ul	98
56) Dibenzofuran	14.986	168	2172109	46.369	ng/ul	100
57) 2,4-Dinitrotoluene	14.963	165	561849	52.753	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.210	232	395423	47.896	ng/ul	100
59) Diethylphthalate	15.421	149	1978708	48.491	ng/ul	99
61) Fluorene	15.639	166	1756791	46.694	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	832538	46.953	ng/ul	98
63) 4-Nitroaniline	15.668	138	405425	53.596	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.721	198	319923	46.487	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	1519184	49.443	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	504971	50.127	ng/ul	96
69) Hexachlorobenzene	16.627	284	576702	50.017	ng/ul	99
70) Atrazine	16.810	200	346004	34.377	ng/ul	99
71) Pentachlorophenol	16.980	266	340192	44.771	ng/ul	99
72) Phenanthrene	17.380	178	2822487	48.526	ng/ul	100
74) Anthracene	17.474	178	2849224	48.653	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	700418	49.350	ng/uL	100
76) Pentachlorobenzene	14.898	250	659665	48.687	ng/uL	96
77) Carbazole	17.745	167	2694920	48.940	ng/ul	100
78) Di-n-butylphthalate	18.321	149	3678477	52.760	ng/ul	99
80) Fluoranthene	19.398	202	3165866	52.870	ng/ul	99
82) Pyrene	19.762	202	3267824	52.037	ng/ul	100
83) Butylbenzylphthalate	20.680	149	1635424	57.981	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	969568	52.230	ng/ul	99
85) Benzo(a)anthracene	21.521	228	3135285	50.655	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	2474876	57.310	ng/ul#	99
87) Chrysene	21.574	228	2920479	50.196	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	4324023	56.748	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3006107	52.726	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	3001532	51.257	ng/ul	99
93) Benzo(a)pyrene	23.856	252	2820783	51.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	3400175	51.150	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	2846788	51.247	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	2729073	50.753	ng/ul	98

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

Instrument :
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Manual IntegrationsAPPROVED

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