Quantitation Report (Qedit)

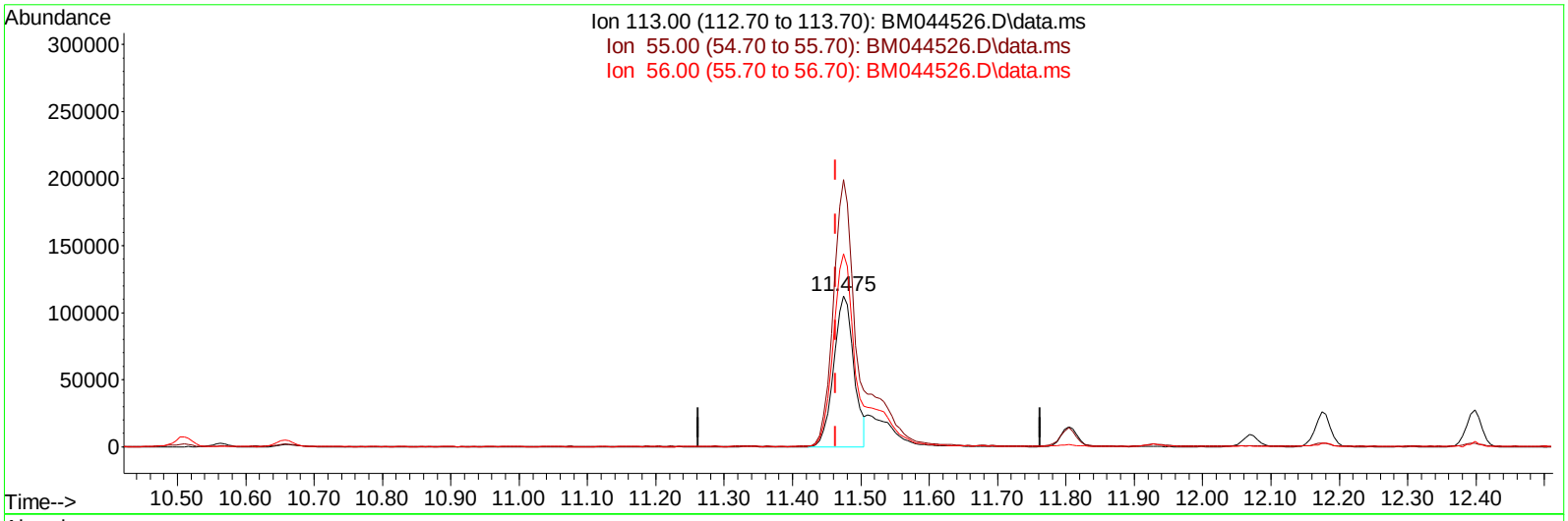
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044526.D
Acq On : 06 Mar 2024 21:21
Operator : MA/JU
Sample : P1676-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

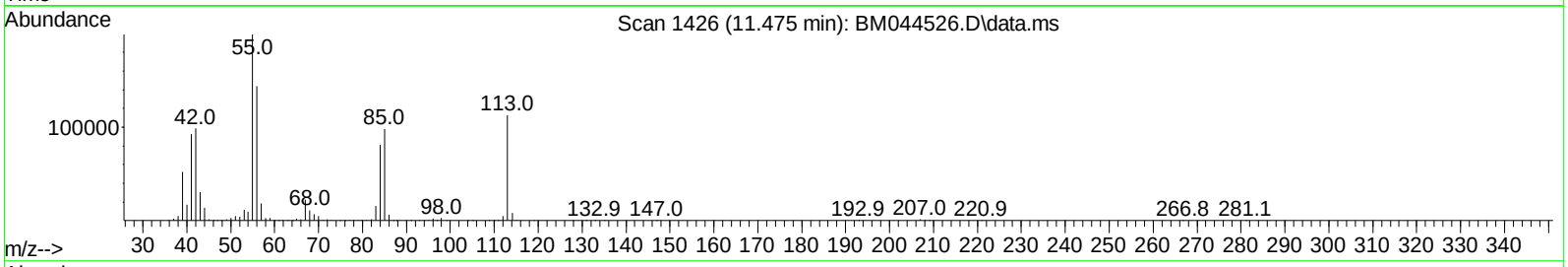
Quant Time: Mar 06 22:07:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

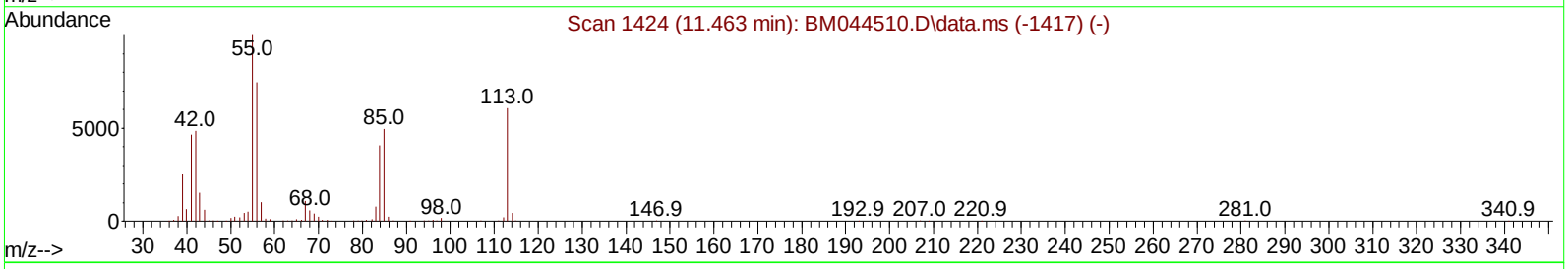
Instrument :
BNA_M
ClientSampleId :
E06Y2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044526.D\data.ms

(34) Caprolactam

11.475min (+ 0.012) 32.50 ng/ul

response 230597

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	177.00
56.00	127.70	128.07
0.00	0.00	0.00

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Misc :
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Instrument :
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ClientSampleId :
E06Y2MSD

Manual IntegrationsAPPROVED

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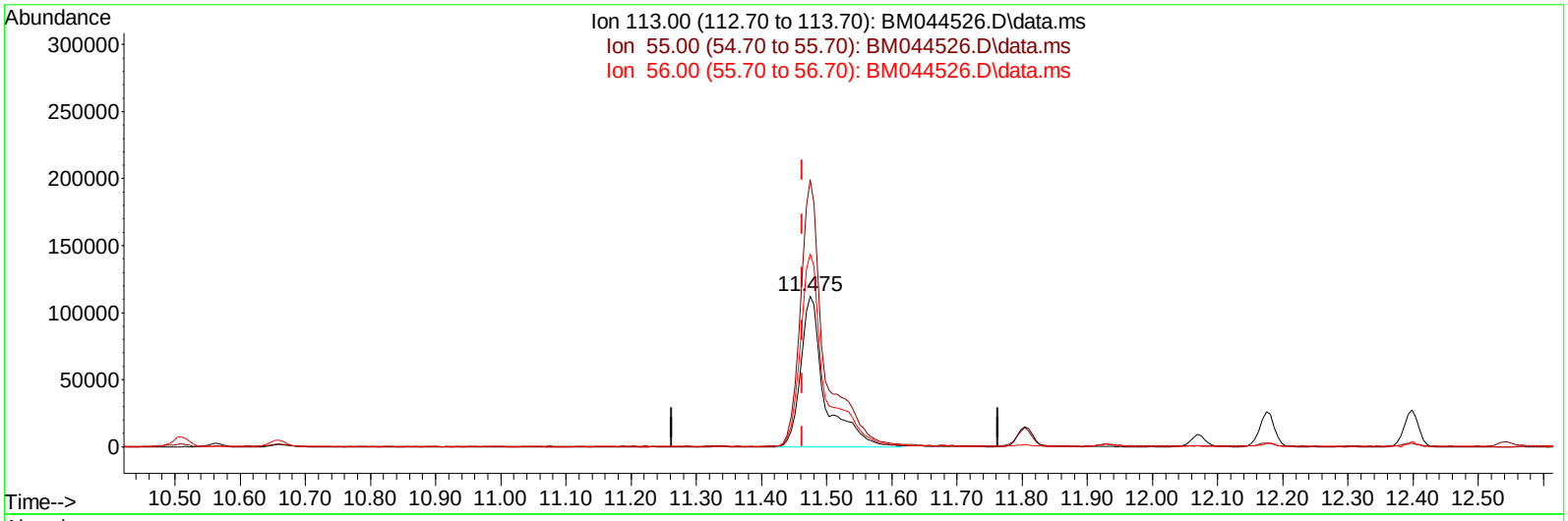

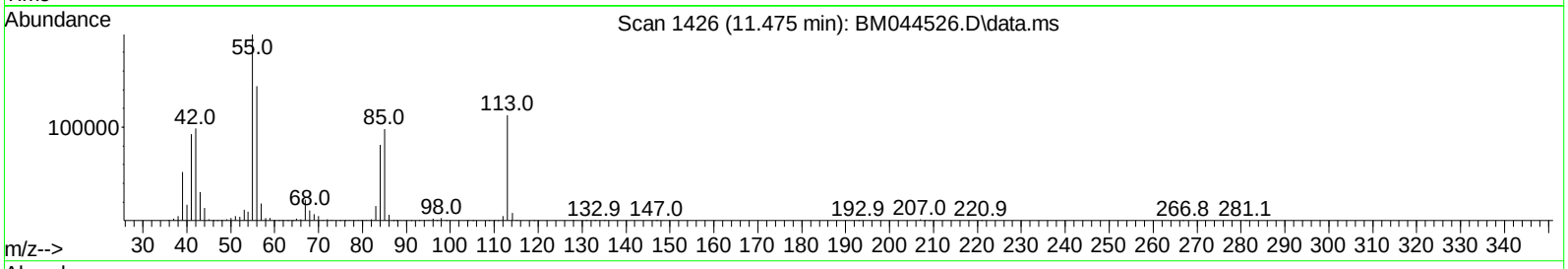

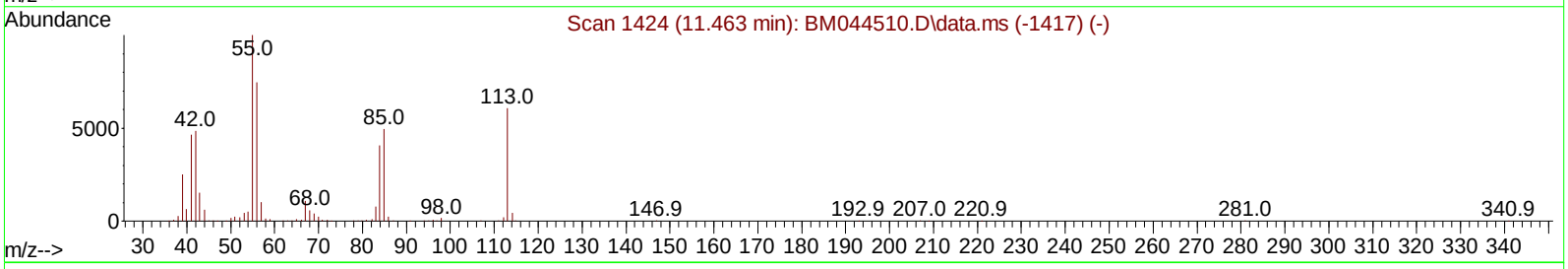

TIC: BM044526.D\data.ms

(34) Caprolactam

11.475min (+ 0.012) 41.31 ng/ul m

response 293141

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	177.00
56.00	127.70	128.07
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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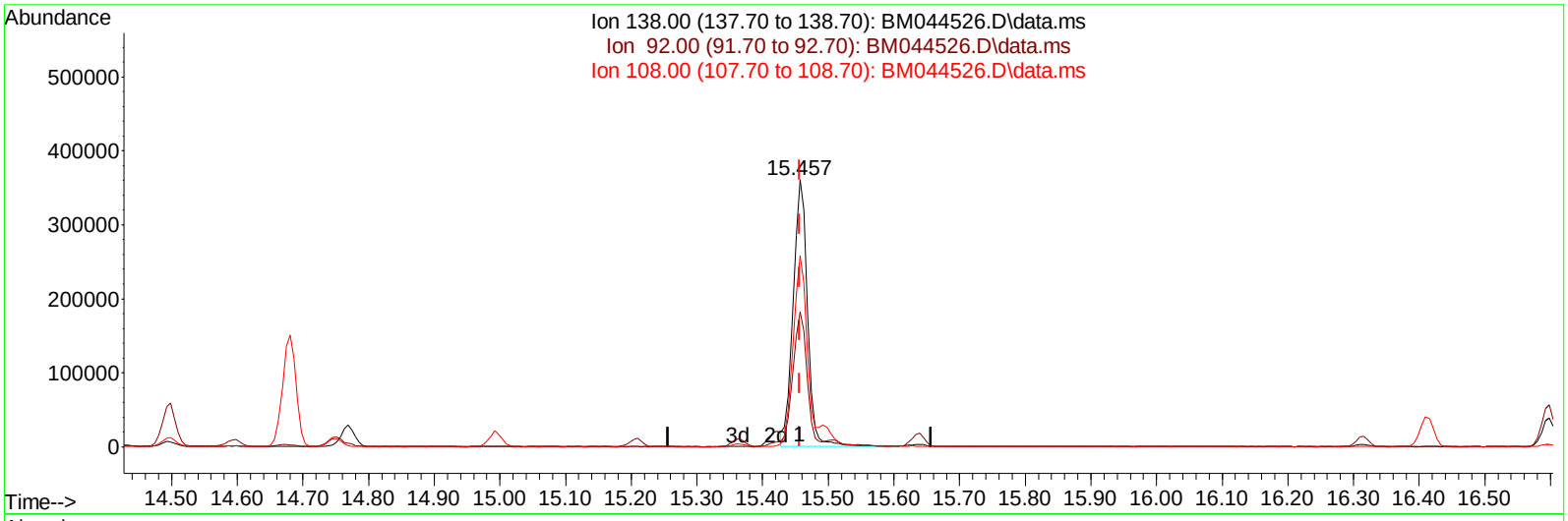

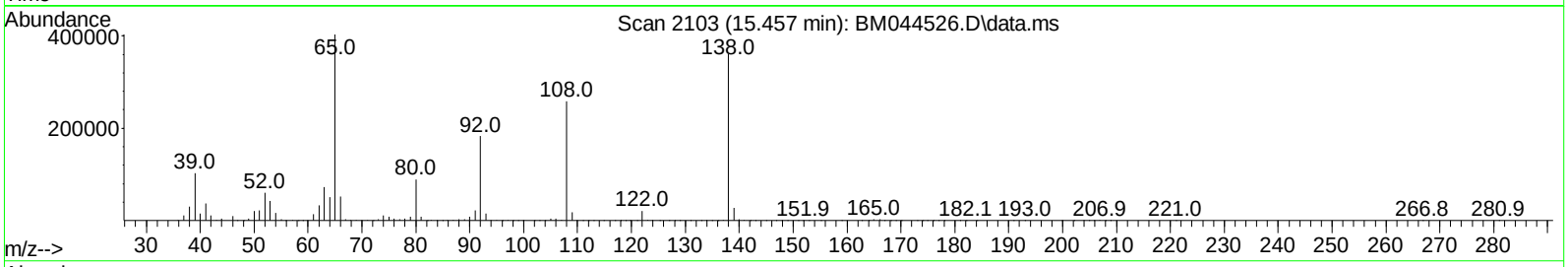

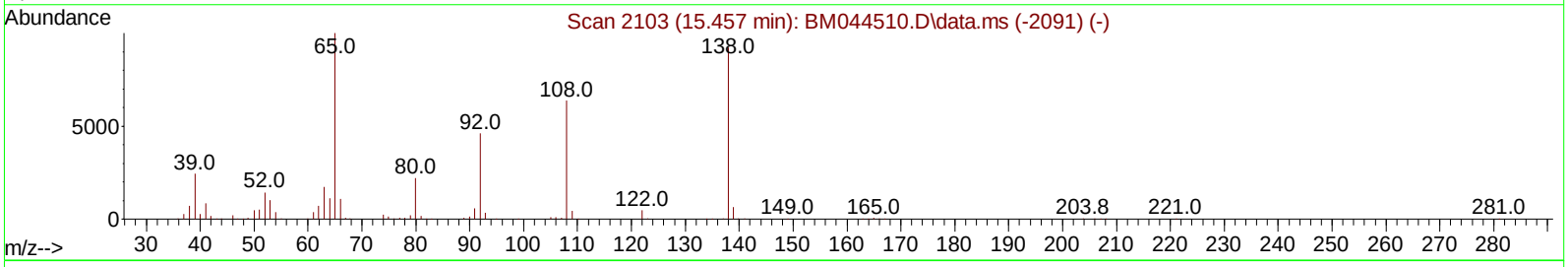

TIC: BM044526.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 44.69 ng/ul

response 548012

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.63
108.00	68.30	71.64
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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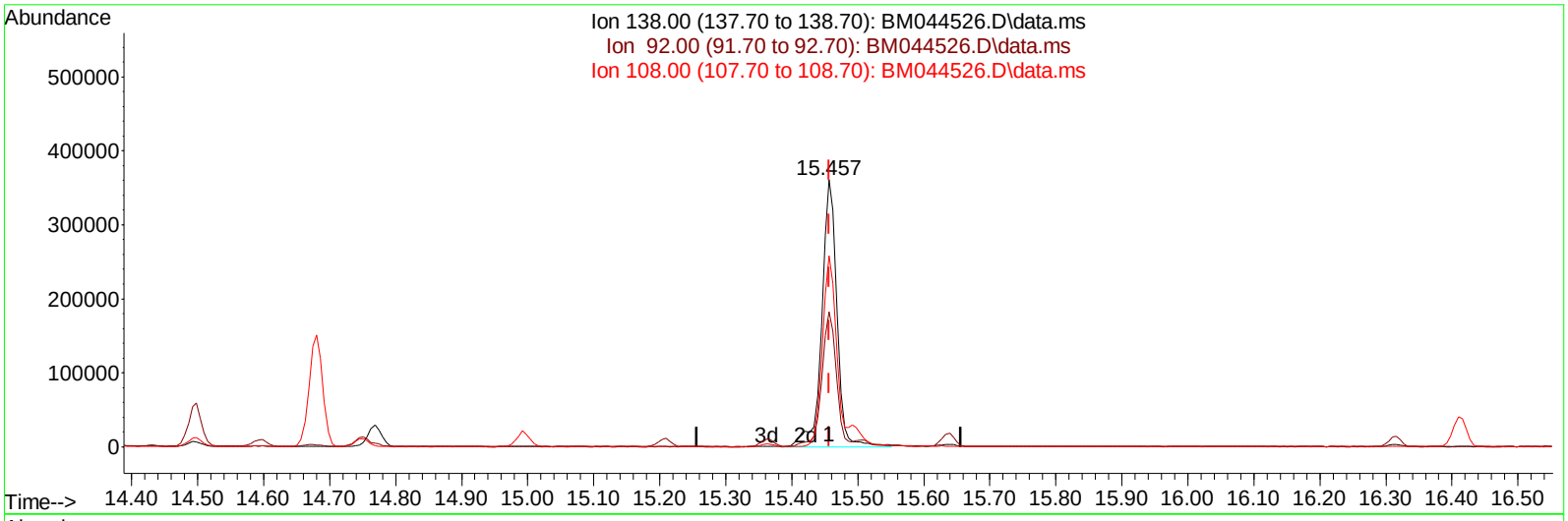

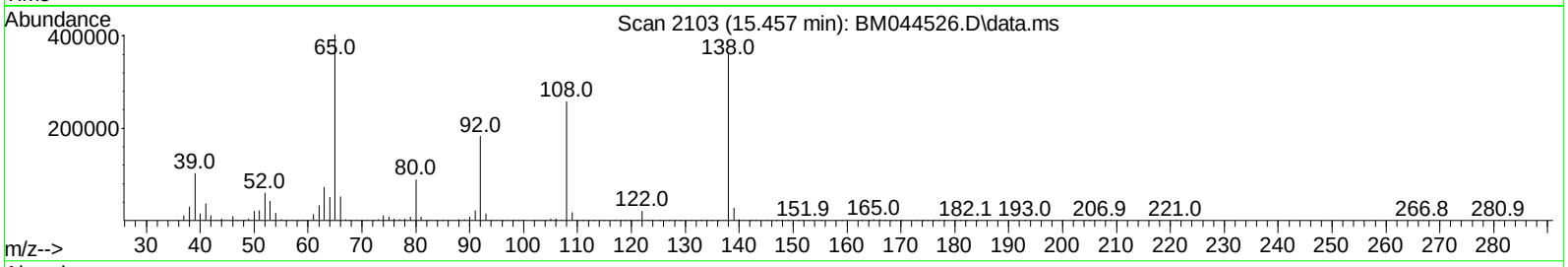

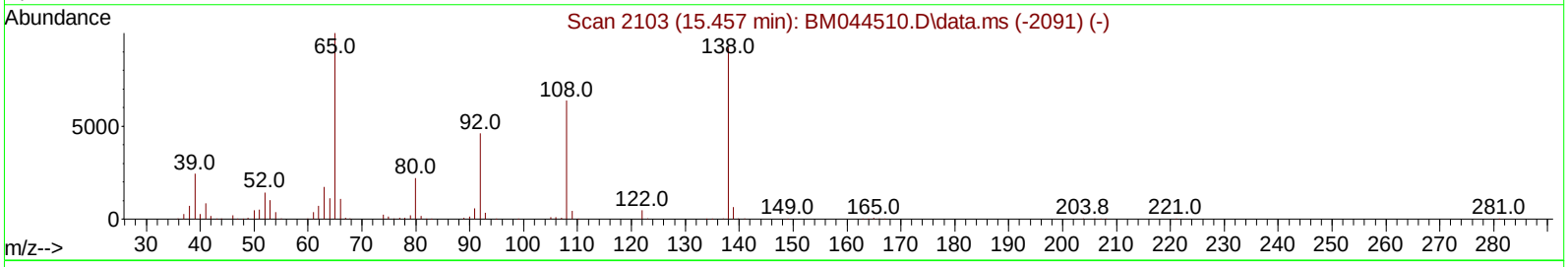

TIC: BM044526.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 47.04 ng/ul m

response 576806

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.63
108.00	68.30	71.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 06 Mar 2024 21:21
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 06 22:39:06 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
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Instrument :
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ClientSampleId :
E06Y2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	259770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1181322	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	745024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1511205	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1157696	20.000	ng/ul	0.00
88) Perylene-d12	23.556	264	1071099	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	31397	4.099	ng/uL	0.00
4) Pyridine-d5	3.681	84	481719	21.369	ng/ul	0.00
7) Phenol-d5	6.904	99	715858	26.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	446494	27.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	532774	27.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	581027	27.702	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	291027	29.256	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	315353	29.407	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	565044	30.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	812407	26.802	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1738403	29.746	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1992646	29.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	179075	14.775	ng/ul	0.00
60) Fluorene-d10	15.363	176	1481508	30.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	137096	13.976	ng/ul	0.00
73) Anthracene-d10	17.215	188	2264783	31.353	ng/ul	0.00
81) Pyrene-d10	19.509	212	2539818	35.769	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	1834974	32.594	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	98061	12.367	ng/uL	99
5) Pyridine	3.699	79	755207	32.300	ng/ul	99
6) Benzaldehyde	6.893	77	468341	40.260	ng/ul	96
8) Phenol	6.928	94	1052804	38.625	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.169	93	825929	36.902	ng/ul	97
12) 2-Chlorophenol	7.298	128	773120	38.191	ng/ul	99
13) 2-Methylphenol	8.169	108	805490	38.942	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.251	45	1149192	38.880	ng/ul	99
16) Acetophenone	8.557	105	1269561	39.027	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.545	70	679336	40.420	ng/ul	99
18) 4-Methylphenol	8.498	108	880309	39.097	ng/ul	95
19) Hexachloroethane	8.792	117	304377	36.706	ng/ul	95
22) Nitrobenzene	8.934	77	946982	40.143	ng/ul	99
23) Isophorone	9.457	82	1978026	41.098	ng/ul	99
25) 2-Nitrophenol	9.634	139	476179	40.730	ng/ul	99
26) 2,4-Dimethylphenol	9.692	107	874459	41.107	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.939	93	1201971	39.710	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	757163	41.555	ng/ul	97
30) Naphthalene	10.563	128	2655211	39.685	ng/ul	99
32) 4-Chloroaniline	10.681	127	854056	29.226	ng/ul	98
33) Hexachlorobutadiene	10.828	225	413344	40.474	ng/ul	98
34) Caprolactam	11.475	113	293141m	41.312	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	896687	42.437	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	1832547	41.188	ng/ul	98
37) 1-Methylnaphthalene	12.398	142	1798543	40.978	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	845324	39.882	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	524232	37.259	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	586703	39.485	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	641577	40.290	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	2344097	39.622	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	1822914	39.265	ng/ul	99
45) 2-Nitroaniline	13.457	65	607069	41.652	ng/ul	97
47) Dimethylphthalate	13.839	163	2348574	39.492	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	494048	41.591	ng/ul	99
50) Acenaphthylene	14.092	152	3097850	39.767	ng/ul	99
51) 3-Nitroaniline	14.292	138	533800	41.604	ng/ul	99
52) Acenaphthene	14.433	153	2015540	39.357	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	291692	38.389	ng/ul	99
55) 4-Nitrophenol	14.598	109	323994	38.154	ng/ul	99
56) Dibenzofuran	14.769	168	2683866	39.398	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	703975	41.056	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	510436	38.735	ng/ul	99
59) Diethylphthalate	15.210	149	2436691	39.481	ng/ul	99
61) Fluorene	15.421	166	2178479	39.101	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	1029710	39.821	ng/ul	98
63) 4-Nitroaniline	15.457	138	576806m	47.036	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	424497	40.495	ng/ul	97
67) N-Nitrosodiphenylamine	15.639	169	1874327	41.181	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	644054	42.609	ng/ul	97
69) Hexachlorobenzene	16.416	284	748038	43.448	ng/ul	95
70) Atrazine	16.598	200	386894	26.012	ng/ul	99
71) Pentachlorophenol	16.763	266	449833	39.568	ng/ul	98
72) Phenanthrene	17.163	178	3497418	40.797	ng/ul	100
74) Anthracene	17.251	178	3506573	40.445	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	858498	42.532	ng/uL	99
76) Pentachlorobenzene	14.680	250	839979	43.044	ng/uL	99
77) Carbazole	17.527	167	3326698	40.833	ng/ul	99
78) Di-n-butylphthalate	18.098	149	4476101	40.846	ng/ul	99
80) Fluoranthene	19.180	202	3954496	46.766	ng/ul	98
82) Pyrene	19.545	202	4031165	45.790	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1921456	44.388	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	1032280	41.221	ng/ul	99
85) Benzo(a)anthracene	21.292	228	3574250	41.113	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2667235	42.260	ng/ul	99
87) Chrysene	21.345	228	3314295	41.177	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	4318552	45.052	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	3072542	42.870	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	3021741	43.047	ng/ul	99
93) Benzo(a)pyrene	23.462	252	2783675	41.520	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.833	276	2995671	39.837	ng/ul	99
95) Dibenzo(a,h)anthracene	25.850	278	2526523	40.295	ng/ul	98
96) Benzo(g,h,i)perylene	26.527	276	2384701	39.739	ng/ul	98

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

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