Quantitation Report (Qedit)

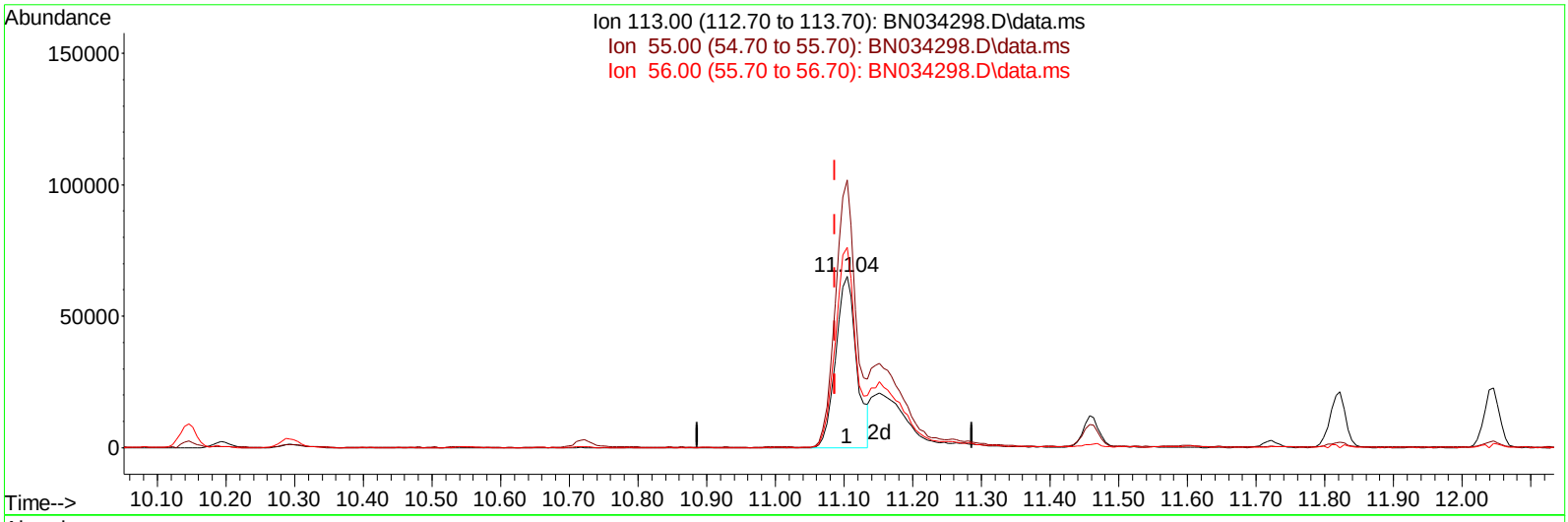
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034298.D
Acq On : 01 Oct 2024 11:57
Operator : RC/JU
Sample : P4019-14MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

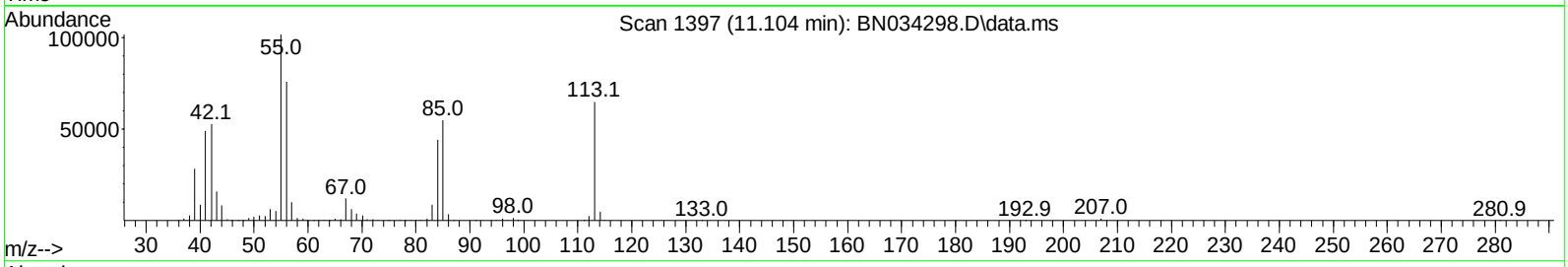
Quant Time: Oct 01 23:31:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

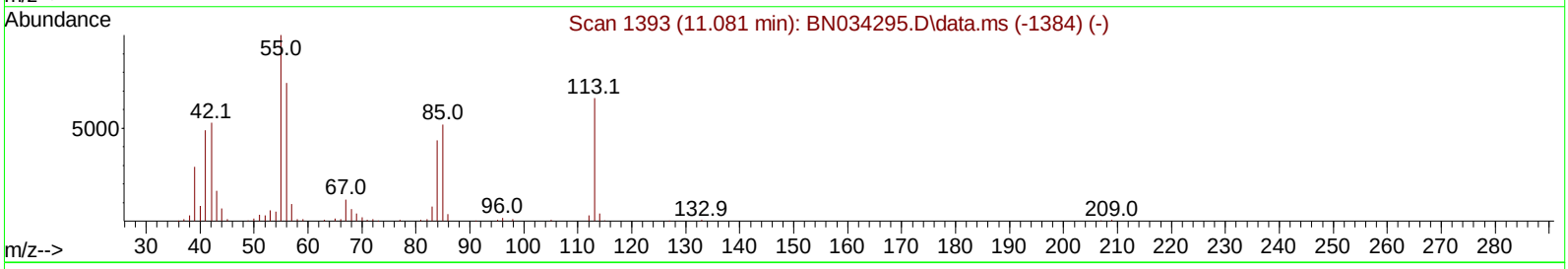
Instrument :
BNA_N
ClientSampleId :
DDCE9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BN034298.D\data.ms

(34) Caprolactam

11.104min (+ 0.018) 16.07 ng/ul

response 137339

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.44
56.00	124.60	116.96
0.00	0.00	0.00

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Misc :
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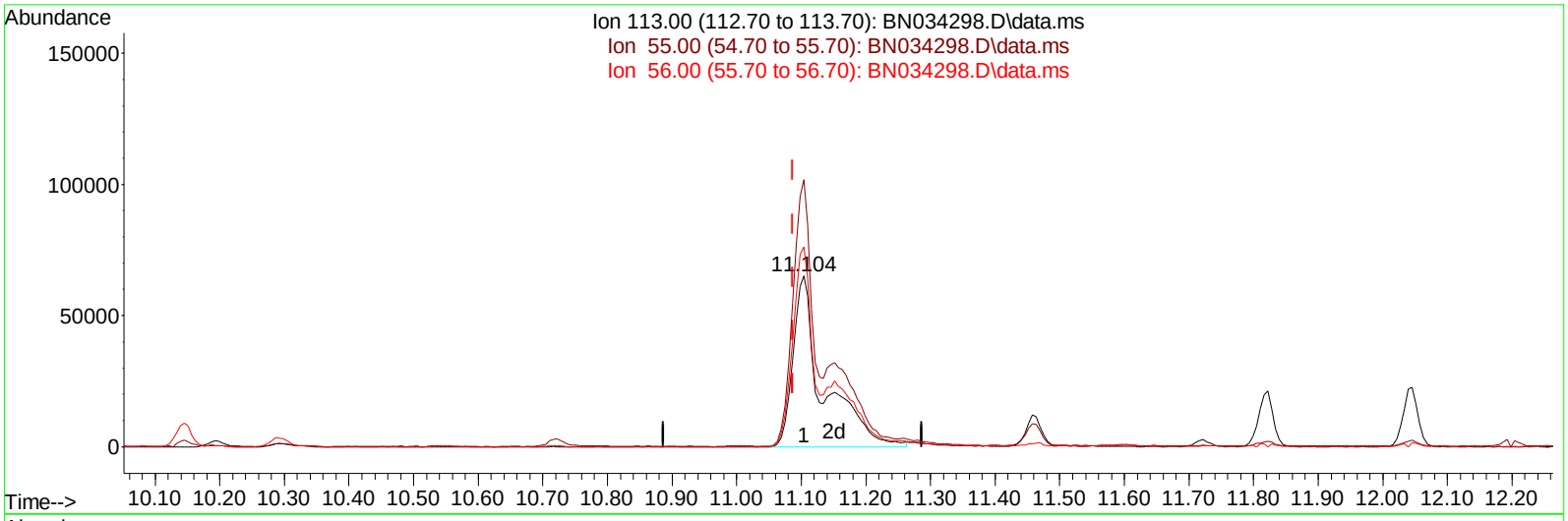

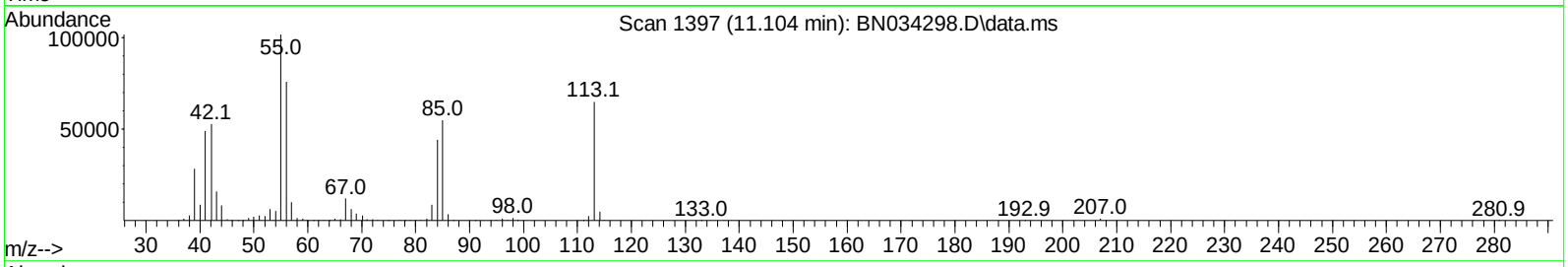

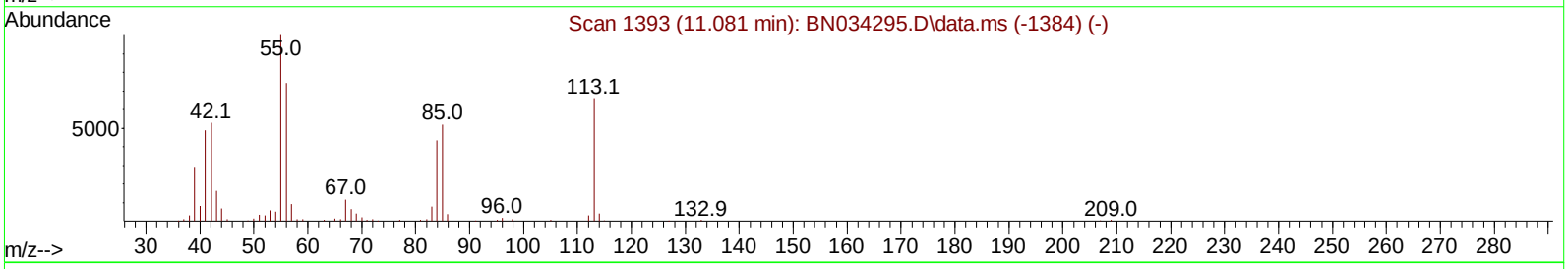

TIC: BN034298.D\data.ms

(34) Caprolactam

11.104min (+ 0.018) 24.68 ng/ul m

response 210939

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.44
56.00	124.60	116.96
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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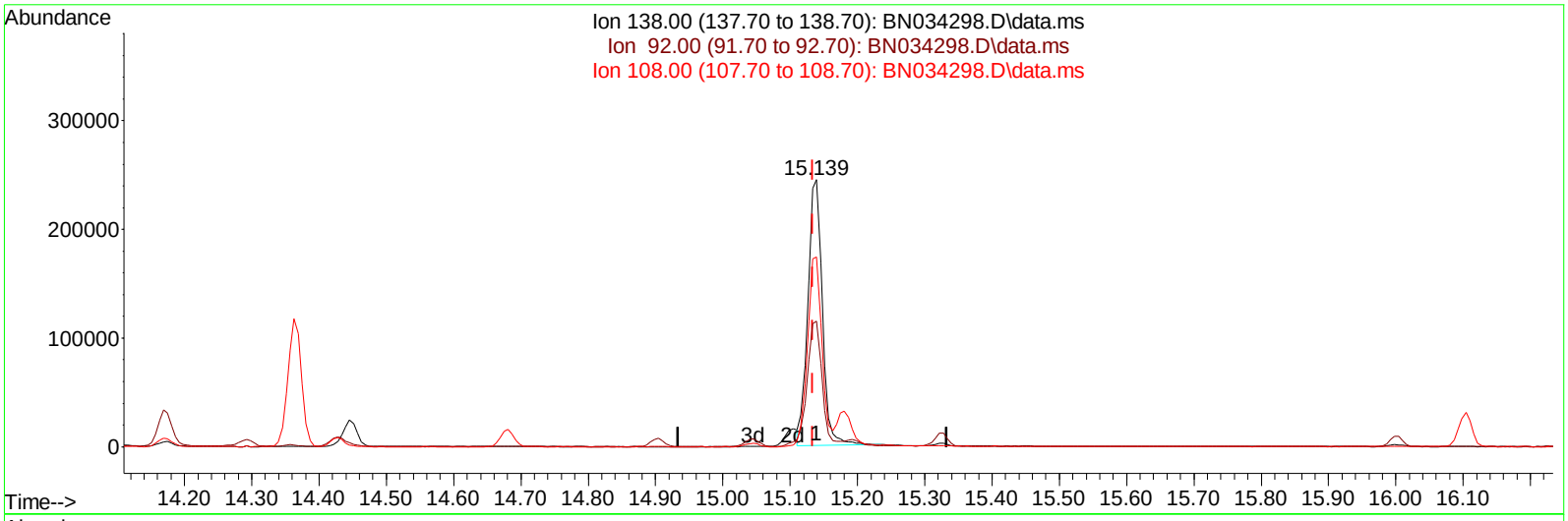

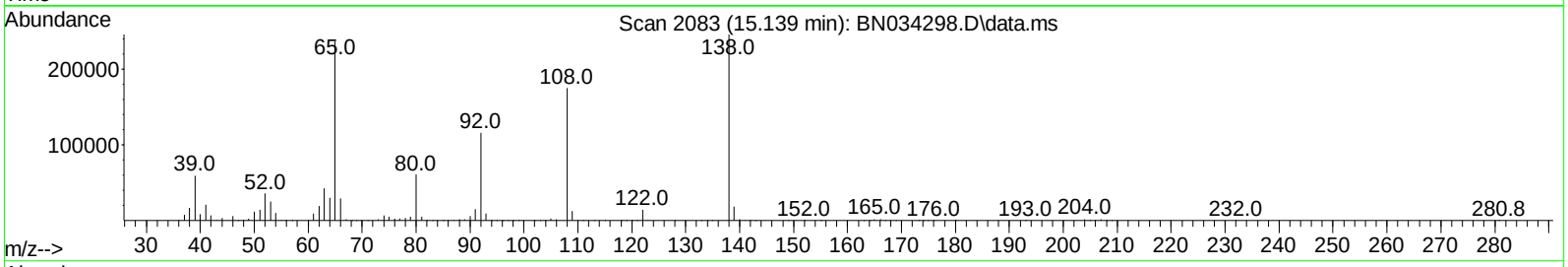

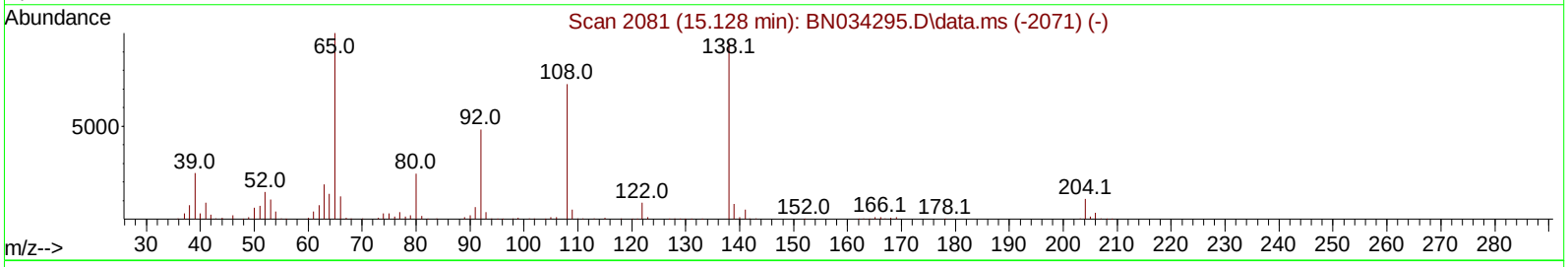

TIC: BN034298.D\data.ms

(63) 4-Nitroaniline

15.139min (+ 0.006) 25.16 ng/ul

response 367634

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.17
108.00	83.70	71.13
0.00	0.00	0.00

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Misc :
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QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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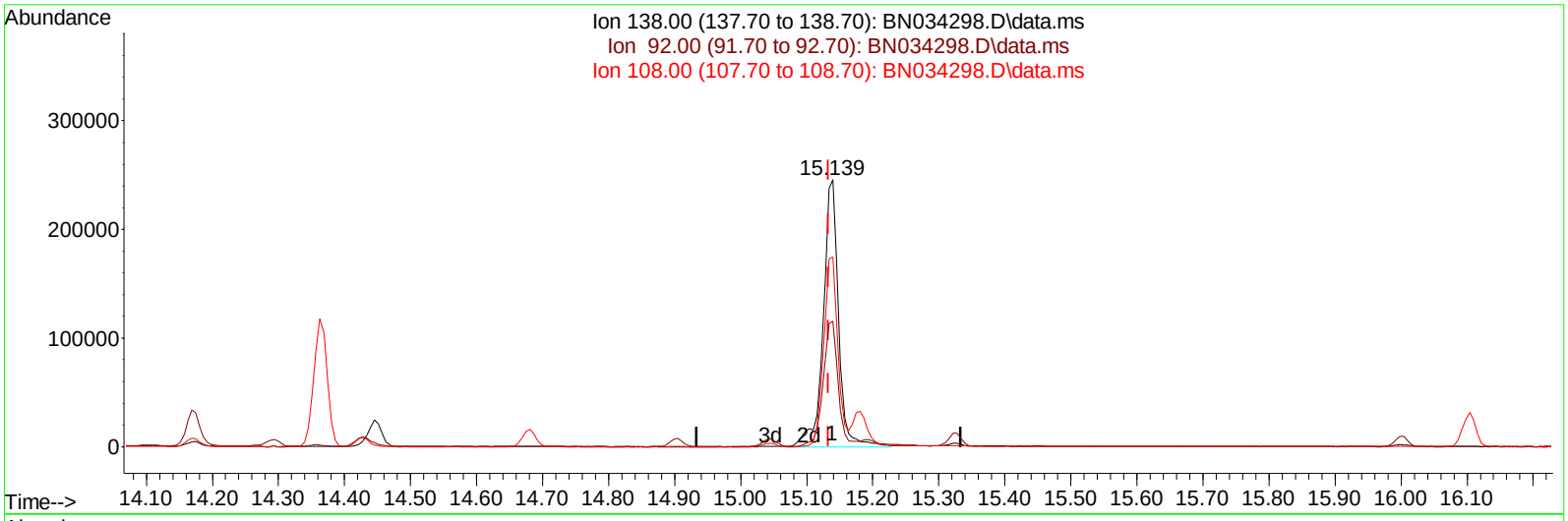

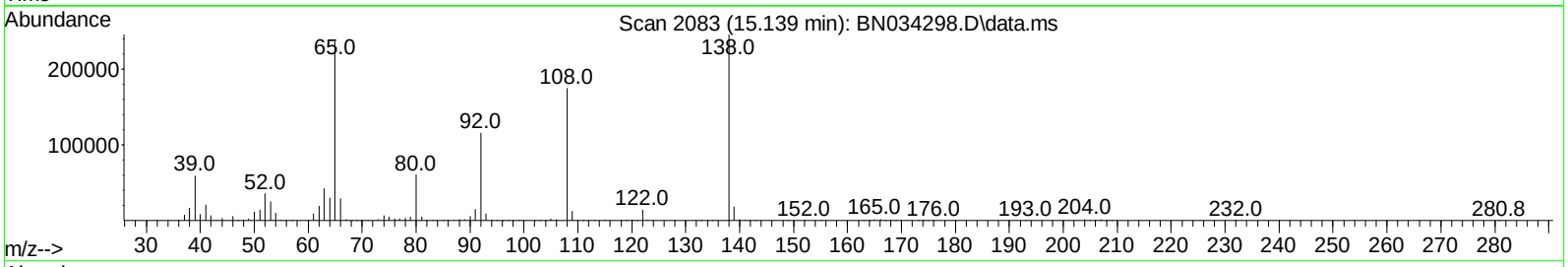

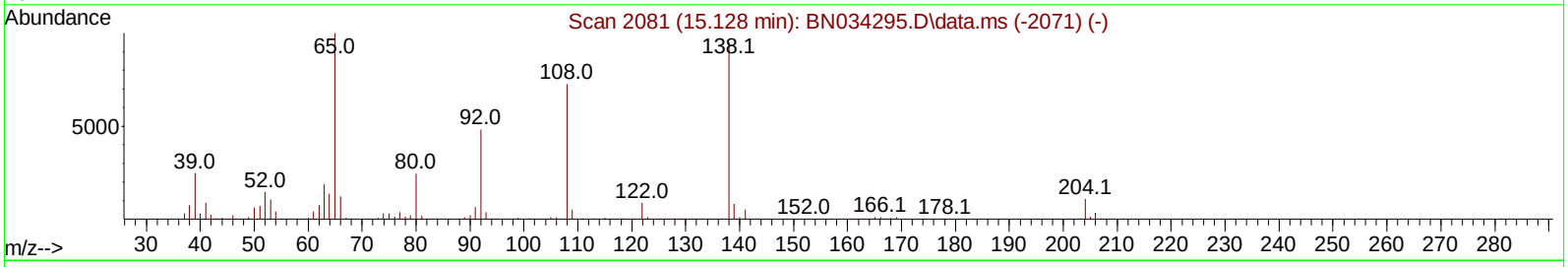

TIC: BN034298.D\data.ms

(63) 4-Nitroaniline

15.139min (+ 0.006) 27.31 ng/ul m

response 399065

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.17
108.00	83.70	71.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
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Acq On : 01 Oct 2024 11:57
Operator : RC/JU
Sample : P4019-14MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 01 23:49:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DDCE9MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	343301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	1373596	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	856655	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1634089	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1411450	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1631954	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	31192	3.708	ng/uL	0.00
4) Pyridine-d5	3.393	84	257920	10.314	ng/ul	0.00
7) Phenol-d5	6.593	99	599438	19.674	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.746	67	379979	20.101	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	549327	22.905	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	502132	20.029	ng/ul	0.00
21) Nitrobenzene-d5	8.534	128	263323	24.051	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	284310	25.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	523107	24.672	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	628574	19.582	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	1426911	22.288	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	1697732	23.572	ng/ul	0.00
54) 4-Nitrophenol-d4	14.281	143	225168	17.138	ng/ul	0.00
60) Fluorene-d10	15.045	176	1242765	22.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	206298	21.174	ng/ul	0.00
73) Anthracene-d10	16.898	188	1766911	22.999	ng/ul	0.00
81) Pyrene-d10	19.204	212	1972097	25.077	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	2073843	24.739	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	94526	10.652	ng/uL	93
5) Pyridine	3.411	79	602904	23.562	ng/ul	88
6) Benzaldehyde	6.546	77	467210	29.050	ng/ul	90
8) Phenol	6.616	94	825544	26.024	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.834	93	664739	26.962	ng/ul	96
12) 2-Chlorophenol	6.963	128	707668	28.793	ng/ul	94
13) 2-Methylphenol	7.840	108	629210	26.538	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.910	45	895510	24.629	ng/ul	98
16) Acetophenone	8.205	105	995496	25.067	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.205	70	473670	24.086	ng/ul	95
18) 4-Methylphenol	8.175	108	678612	25.718	ng/ul	96
19) Hexachloroethane	8.446	117	302381	29.170	ng/ul	87
22) Nitrobenzene	8.575	77	727437	26.546	ng/ul	91
23) Isophorone	9.104	82	1343896	26.594	ng/ul	96
25) 2-Nitrophenol	9.275	139	401690	31.880	ng/ul	91
26) 2,4-Dimethylphenol	9.357	107	676082	26.081	ng/ul	88
27) Bis(2-Chloroethoxy)met...	9.587	93	899388	28.926	ng/ul	97
29) 2,4-Dichlorophenol	9.804	162	665498	30.999	ng/ul	96
30) Naphthalene	10.193	128	2167148	28.844	ng/ul	99
32) 4-Chloroaniline	10.316	127	791436	25.020	ng/ul	99
33) Hexachlorobutadiene	10.487	225	449573	32.641	ng/ul	97
34) Caprolactam	11.104	113	210939m	24.679	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	659570	26.097	ng/ul	92

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.822	142	1498090	28.946	ng/ul	98
37) 1-Methylnaphthalene	12.046	142	1485771	28.361	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	799323	32.321	ng/ul	96
40) Hexachlorocyclopentadiene	12.181	237	409420	26.906	ng/ul	97
41) 2,4,6-Trichlorophenol	12.451	196	508351	31.006	ng/ul	96
42) 2,4,5-Trichlorophenol	12.528	196	571001	31.707	ng/ul	98
43) 1,1'-Biphenyl	12.863	154	1901491	29.442	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	1494573	29.706	ng/ul	97
45) 2-Nitroaniline	13.122	65	399447	24.569	ng/ul	86
47) Dimethylphthalate	13.516	163	1792583	27.473	ng/ul	98
48) 2,6-Dinitrotoluene	13.634	165	387167	30.134	ng/ul	91
50) Acenaphthylene	13.757	152	2246565	28.506	ng/ul	100
51) 3-Nitroaniline	13.963	138	393833	27.737	ng/ul	91
52) Acenaphthene	14.104	153	1563935	27.796	ng/ul	98
53) 2,4-Dinitrophenol	14.169	184	202063	26.738	ng/ul	84
55) 4-Nitrophenol	14.292	109	234628	21.028	ng/ul	89
56) Dibenzofuran	14.445	168	2170319	28.207	ng/ul	97
57) 2,4-Dinitrotoluene	14.428	165	547849	28.284	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.681	232	461307	30.869	ng/ul#	89
59) Diethylphthalate	14.904	149	1819990	26.693	ng/ul	98
61) Fluorene	15.098	166	1702487	27.049	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.110	204	849023	27.830	ng/ul	95
63) 4-Nitroaniline	15.139	138	399065m	27.313	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.198	198	323400	29.891	ng/ul#	90
67) N-Nitrosodiphenylamine	15.322	169	1497596	30.584	ng/ul	100
68) 4-Bromophenyl-phenylether	16.004	248	560135	33.756	ng/ul#	84
69) Hexachlorobenzene	16.104	284	654435	33.980	ng/ul	93
70) Atrazine	16.298	200	475589	26.807	ng/ul	99
71) Pentachlorophenol	16.457	266	429254	33.464	ng/ul	98
72) Phenanthrene	16.839	178	2633811	29.231	ng/ul	99
74) Anthracene	16.933	178	2646210	28.761	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.822	216	771626	33.929	ng/uL	98
76) Pentachlorobenzene	14.369	250	769623	33.236	ng/uL	100
77) Carbazole	17.210	167	2393009	28.259	ng/ul	99
78) Di-n-butylphthalate	17.798	149	3074376	28.560	ng/ul	99
80) Fluoranthene	18.869	202	2934961	31.923	ng/ul	98
82) Pyrene	19.239	202	3004216	30.396	ng/ul	96
83) Butylbenzylphthalate	20.174	149	1315221	29.674	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.957	252	894237	28.206	ng/ul	98
85) Benzo(a)anthracene	21.016	228	2964034	29.453	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.980	149	1988495	30.651	ng/ul#	97
87) Chrysene	21.074	228	2817400	29.341	ng/ul	98
89) Di-n-octyl phthalate	22.021	149	3295896	30.352	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3093094	31.087	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	2982723	30.388	ng/ul	99
93) Benzo(a)pyrene	23.615	252	2726765	29.010	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.739	276	3776667	32.429	ng/ul	96
95) Dibenzo(a,h)anthracene	26.798	278	2987609	31.736	ng/ul	98
96) Benzo(g,h,i)perylene	27.668	276	2979105	32.951	ng/ul	97

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

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