Quantitation Report (Qedit)

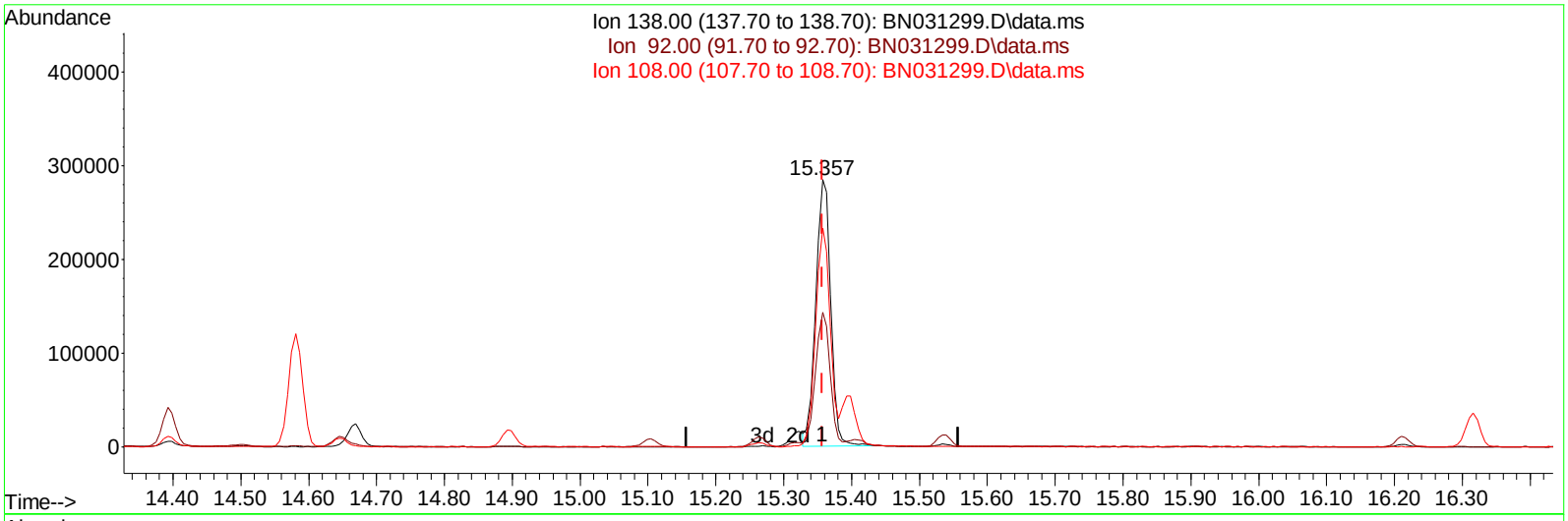
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031299.D
Acq On : 28 Apr 2024 10:33
Operator : MA/JU
Sample : P2204-06MSD 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

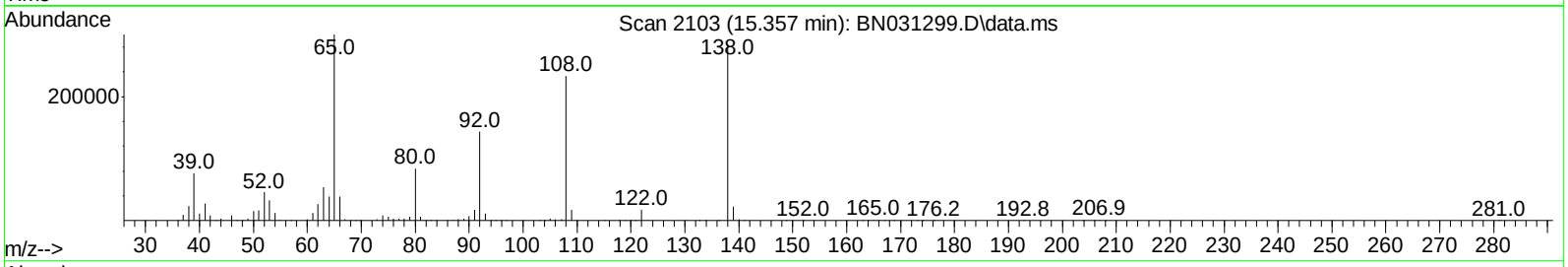
Quant Time: Apr 28 21:21:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

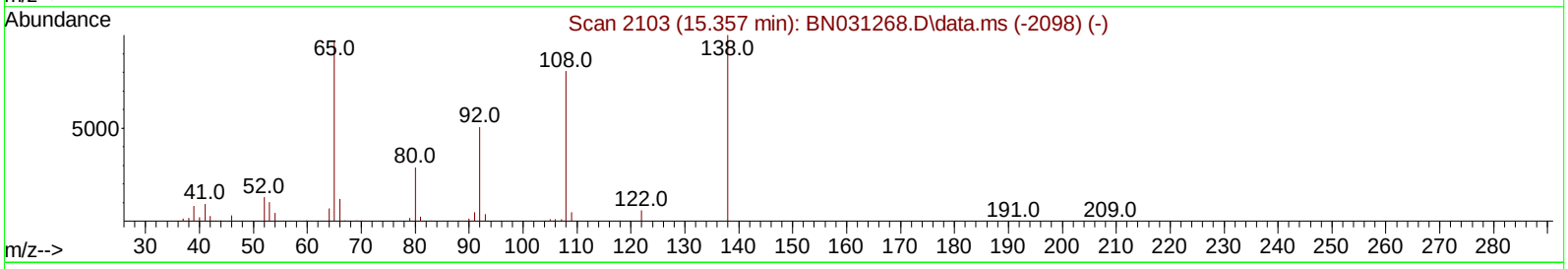
Instrument :
BNA_N
ClientSampleId :
E1CX4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024







TIC: BN031299.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 36.15 ng/ul

response 434966

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.37
108.00	79.80	81.89
0.00	0.00	0.00

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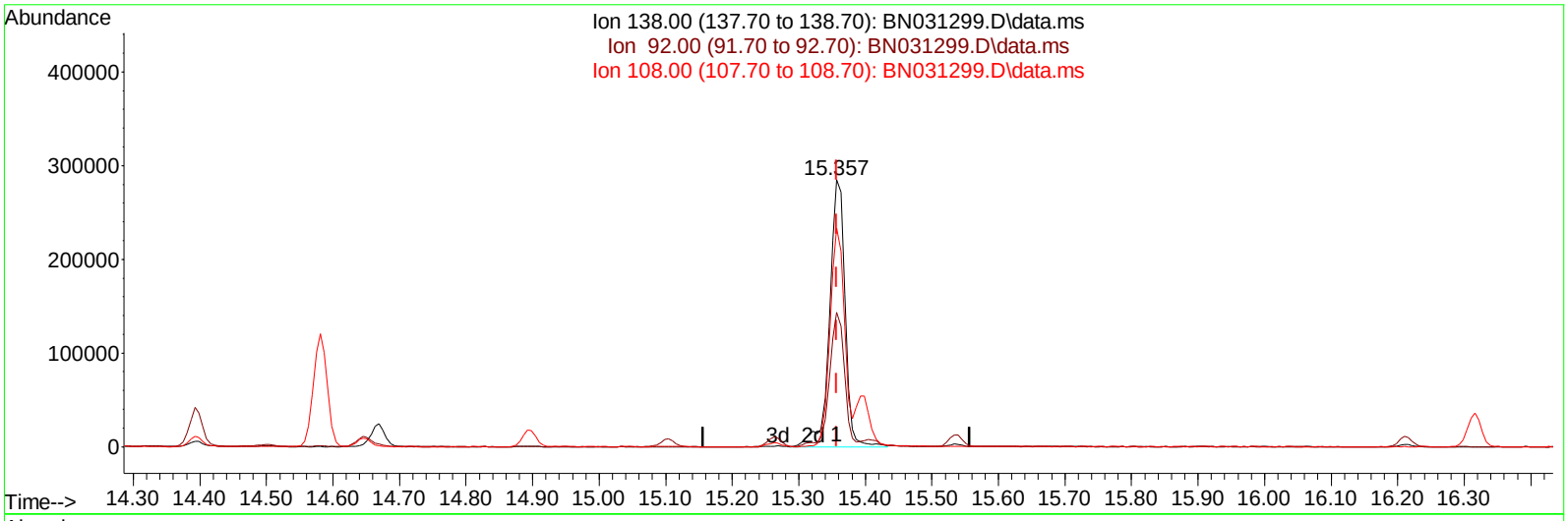

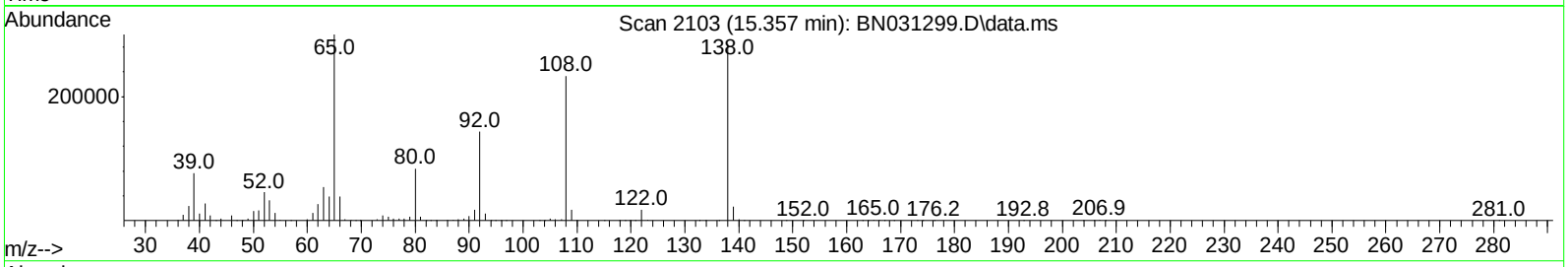

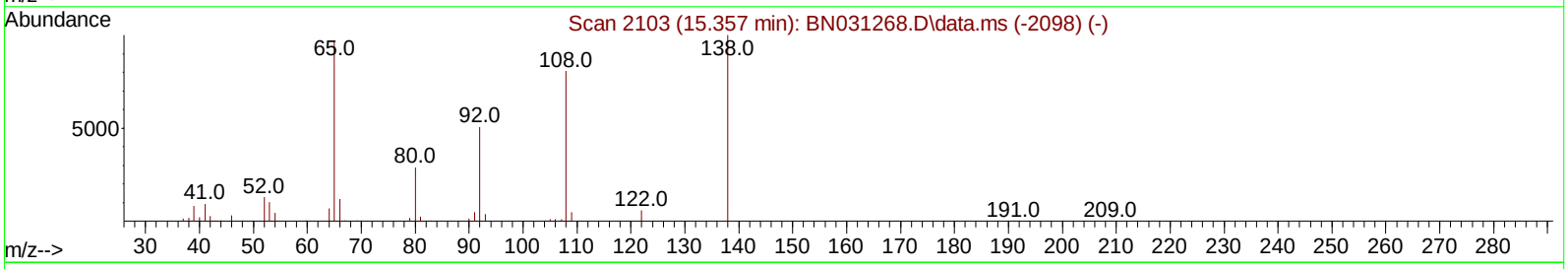

TIC: BN031299.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 38.49 ng/ul m

response 463037

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	50.37
108.00	79.80	81.89
0.00	0.00	0.00

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Sample : P2204-06MSD 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 28 22:20:36 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	207811	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1020708	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	721278	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1560725	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1391003	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1546813	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17327	3.895	ng/uL	0.00
4) Pyridine-d5	3.546	84	158751	12.393	ng/ul	0.00
7) Phenol-d5	6.793	99	147441	8.411	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.963	67	371411	36.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	391817	28.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	275696	18.701	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	269629	36.766	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	285973	37.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	481903	32.056	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	708196	30.145	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1889046	37.636	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	2037552	35.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	92897	8.868	ng/ul	0.00
60) Fluorene-d10	15.263	176	1529452	35.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	328949	41.776	ng/ul	0.00
73) Anthracene-d10	17.116	188	2493288	36.857	ng/ul	0.00
81) Pyrene-d10	19.422	212	2979167	43.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2894946	39.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	23375	4.959	ng/uL#	42
5) Pyridine	3.564	79	166299	12.865	ng/ul	94
6) Benzaldehyde	6.769	77	351031	40.781	ng/ul	98
8) Phenol	6.822	94	159949	8.850	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	492505	34.537	ng/ul	99
12) 2-Chlorophenol	7.181	128	396486	27.946	ng/ul	98
13) 2-Methylphenol	8.063	108	304054	21.709	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	652820	35.113	ng/ul	99
16) Acetophenone	8.440	105	817962	35.809	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	405385	35.605	ng/ul	99
18) 4-Methylphenol	8.393	108	303804	19.364	ng/ul	100
19) Hexachloroethane	8.681	117	175549	29.818	ng/ul	97
22) Nitrobenzene	8.816	77	591168	34.154	ng/ul	100
23) Isophorone	9.340	82	1219288	34.518	ng/ul	99
25) 2-Nitrophenol	9.522	139	303560	35.991	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	422399	24.557	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	724045	33.747	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	474091	31.574	ng/ul	99
30) Naphthalene	10.446	128	1703679	32.206	ng/ul	100
32) 4-Chloroaniline	10.569	127	638601	27.976	ng/ul	99
33) Hexachlorobutadiene	10.722	225	281153	30.715	ng/ul	98
34) Caprolactam	11.357	113	33893	5.729	ng/ul	93
35) 4-Chloro-3-methylphenol	11.693	107	541626	31.111	ng/ul	96

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	1251634	33.552	ng/ul	96
37) 1-Methylnaphthalene	12.287	142	1259710	33.373	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.440	216	634425	33.614	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	242293	23.370	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	447962	35.658	ng/ul	92
42) 2,4,5-Trichlorophenol	12.757	196	503957	36.182	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	1680738	33.882	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1297608	32.735	ng/ul	98
45) 2-Nitroaniline	13.351	65	446995	40.847	ng/ul	98
47) Dimethylphthalate	13.734	163	1894590	36.589	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	402124	41.371	ng/ul	99
50) Acenaphthylene	13.987	152	2208571	33.242	ng/ul	99
51) 3-Nitroaniline	14.187	138	421110	37.738	ng/ul#	92
52) Acenaphthene	14.334	153	1449923	32.921	ng/ul	97
53) 2,4-Dinitrophenol	14.392	184	224022	40.755	ng/ul	97
55) 4-Nitrophenol	14.498	109	76782	9.031	ng/ul	97
56) Dibenzofuran	14.669	168	2060777	33.842	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	590199	39.962	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.892	232	439369	36.500	ng/ul	99
59) Diethylphthalate	15.104	149	1930998	36.262	ng/ul	98
61) Fluorene	15.322	166	1657183	33.069	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	762885	31.961	ng/ul	93
63) 4-Nitroaniline	15.357	138	463037m	38.487	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	345467	40.859	ng/ul	99
67) N-Nitrosodiphenylamine	15.539	169	1513377	36.177	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	541400	36.680	ng/ul	96
69) Hexachlorobenzene	16.316	284	638633	37.532	ng/ul	100
70) Atrazine	16.498	200	543515	37.007	ng/ul	96
71) Pentachlorophenol	16.669	266	396761	35.889	ng/ul#	87
72) Phenanthrene	17.063	178	2875004	34.827	ng/ul	99
74) Anthracene	17.151	178	2828059	33.853	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	660900	36.102	ng/uL	97
76) Pentachlorobenzene	14.581	250	678940	35.915	ng/uL	96
77) Carbazole	17.428	167	2751492	36.057	ng/ul	97
78) Di-n-butylphthalate	17.992	149	3544933	38.112	ng/ul	98
80) Fluoranthene	19.086	202	3459682	42.766	ng/ul	98
82) Pyrene	19.451	202	3572511	42.030	ng/ul	99
83) Butylbenzylphthalate	20.363	149	1699217	45.306	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	1019966	35.191	ng/ul	97
85) Benzo(a)anthracene	21.239	228	3588079	37.986	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	2303369	40.903	ng/ul	96
87) Chrysene	21.298	228	3366464	37.546	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	4322613	48.482	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3632610	41.738	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	3436771	39.262	ng/ul	98
93) Benzo(a)pyrene	24.015	252	2937761	33.836	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.398	276	3722804	34.553	ng/ul	99
95) Dibenzo(a,h)anthracene	27.456	278	2983474	33.738	ng/ul	96
96) Benzo(g,h,i)perylene	28.415	276	2872921	33.112	ng/ul	98

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

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