Quantitation Report (Qedit)

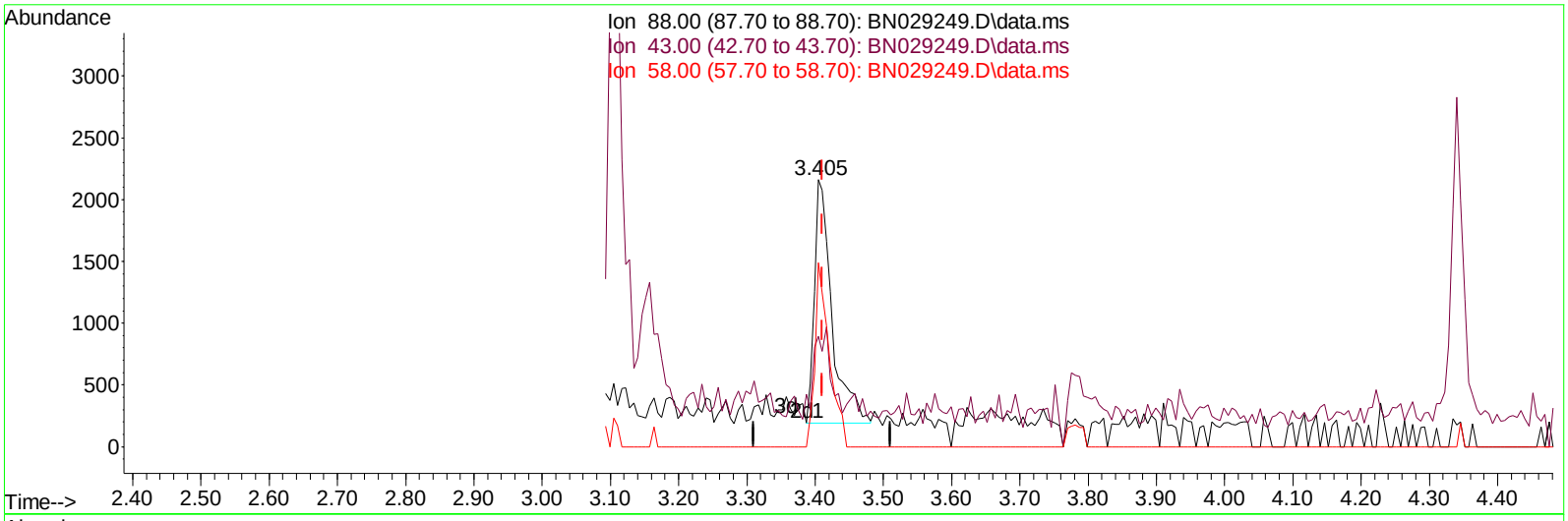
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
Data File : BN029249.D
Acq On : 16 Jan 2024 15:07
Operator : MA/JU
Sample : 04696-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

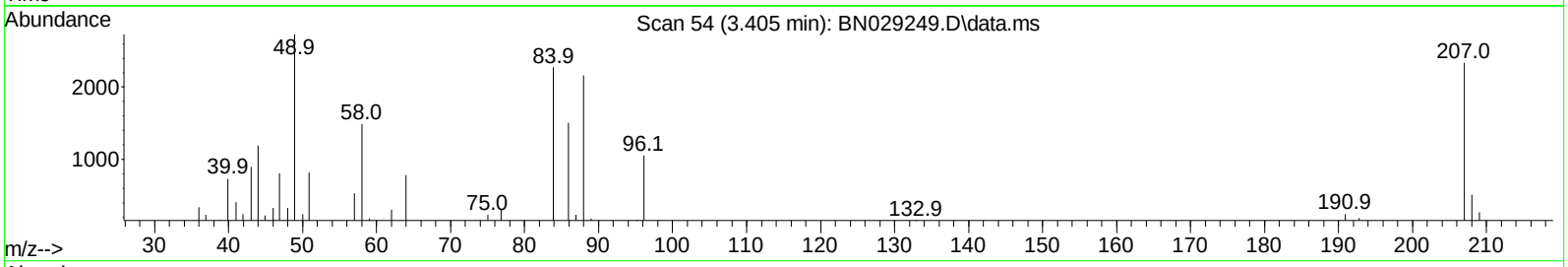
Quant Time: Jan 16 17:48:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

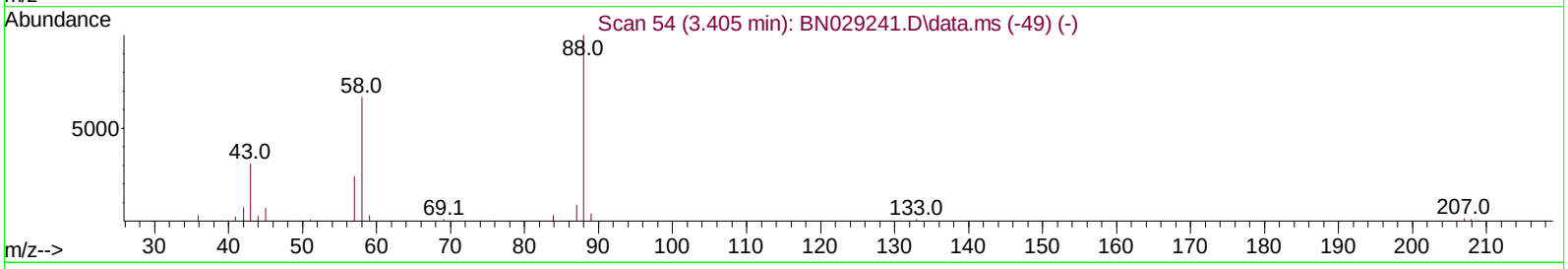
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2023-07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024







TIC: BN029249.D\data.ms

(2) 1,4-Dioxane

3.405min (-0.006) 1.26 ng/uL

response 3518

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	32.90	41.44#
58.00	62.10	69.07
0.00	0.00	0.00

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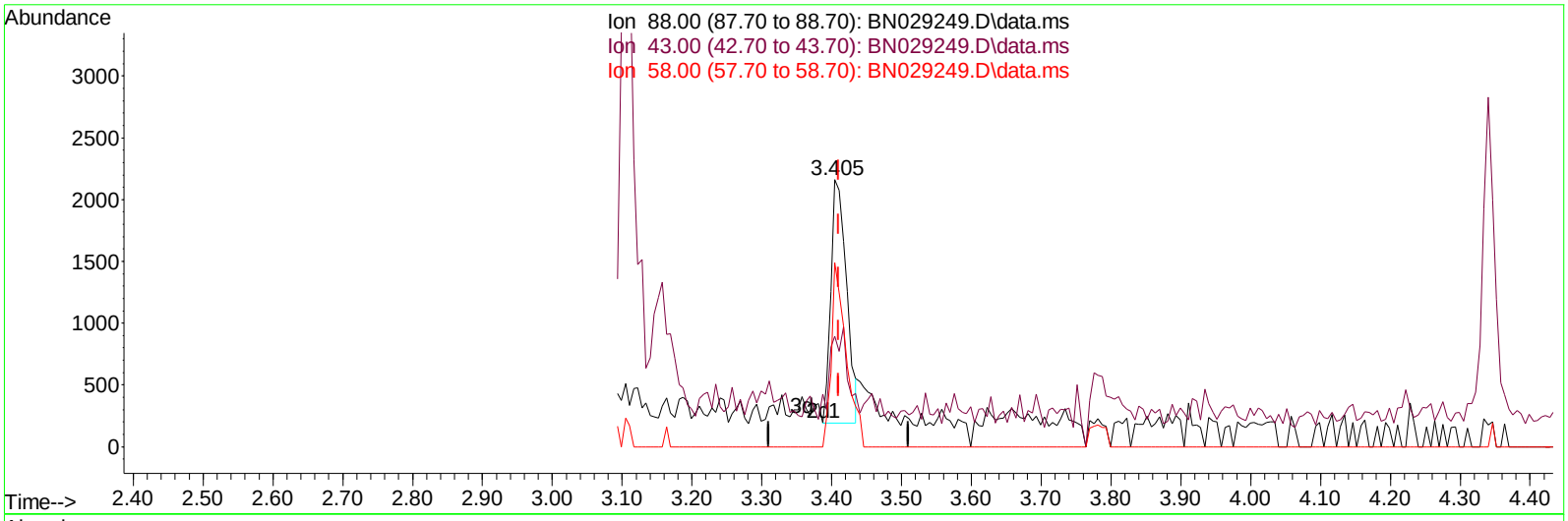

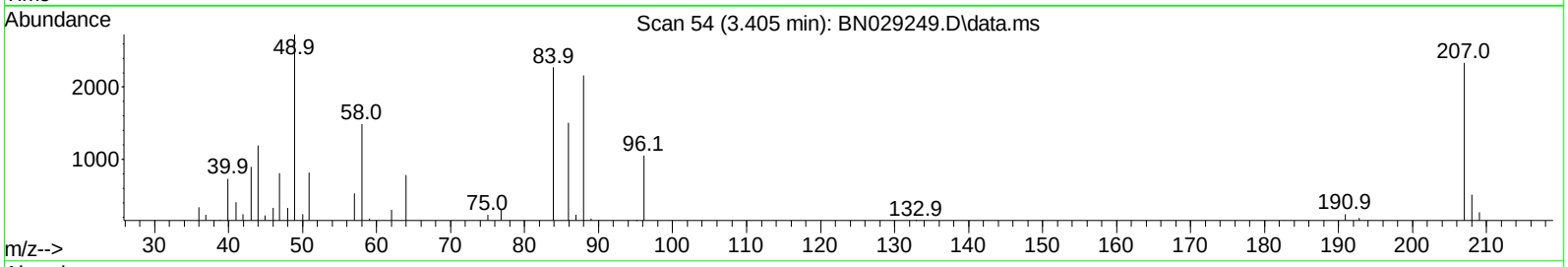

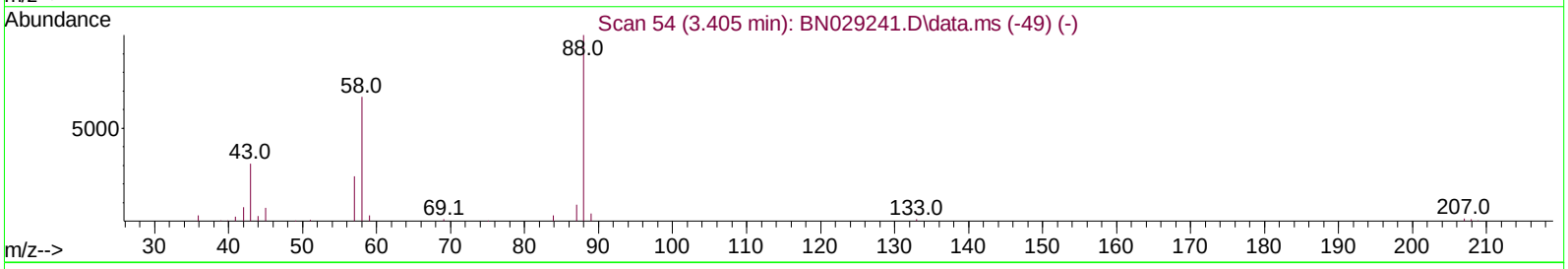

TIC: BN029249.D\data.ms

(2) 1,4-Dioxane

3.405min (-0.006) 1.09 ng/uL m

response 3034

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	32.90	41.44#
58.00	62.10	69.07
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	113507	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	513166	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	346655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	801071	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	845121	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1002776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	12970	4.719	ng/uL	0.00
4) Pyridine-d5	3.781	84	184480	21.762	ng/ul	0.00
7) Phenol-d5	7.105	99	217723	19.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	145868	21.236	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	165709	21.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	176090	20.054	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	84859	22.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	68122	22.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	158393	20.610	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	275786	19.828	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	622988	21.832	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	698145	21.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	94428	19.014	ng/ul	0.00
60) Fluorene-d10	15.575	176	541697	22.275	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	53125	15.770	ng/ul	0.00
73) Anthracene-d10	17.433	188	832107	20.663	ng/ul	0.00
81) Pyrene-d10	19.727	212	1047877	22.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	1120646	21.683	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	3034m	1.088	ng/uL	
5) Pyridine	3.805	79	35927	4.148	ng/ul#	71
6) Benzaldehyde	7.087	77	29559	6.048	ng/ul	99
8) Phenol	7.128	94	43986	3.974	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	37309	4.153	ng/ul	96
12) 2-Chlorophenol	7.499	128	33667	4.198	ng/ul	99
13) 2-Methylphenol	8.387	108	31129	3.692	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.475	45	48812	4.249	ng/ul	99
16) Acetophenone	8.769	105	60115	4.041	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.757	70	32979	4.212	ng/ul	99
18) 4-Methylphenol	8.710	108	35697	3.934	ng/ul	91
19) Hexachloroethane	9.016	117	15831	4.348	ng/ul	94
22) Nitrobenzene	9.152	77	46542	4.522	ng/ul	97
23) Isophorone	9.675	82	89024	4.069	ng/ul	98
25) 2-Nitrophenol	9.857	139	15051	4.164	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	38946	4.030	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	52949	4.300	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	32335	4.278	ng/ul	98
30) Naphthalene	10.793	128	127418	4.354	ng/ul	98
32) 4-Chloroaniline	10.910	127	53905	3.984	ng/ul	99
33) Hexachlorobutadiene	11.069	225	23385	4.384	ng/ul	98
34) Caprolactam	11.698	113	12815	4.184	ng/ul	93
35) 4-Chloro-3-methylphenol	12.028	107	35215	3.927	ng/ul	95

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ClientSampleId :
MDL-WATER-QT4-2023-07

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	87221	4.262	ng/ul	100
37) 1-Methylnaphthalene	12.622	142	88959	4.381	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	45562	4.217	ng/ul	88
40) Hexachlorocyclopentadiene	12.745	237	31169	4.309	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	21373	3.570	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	25218	3.752	ng/ul	94
43) 1,1'-Biphenyl	13.416	154	117573	4.209	ng/ul	96
44) 2-Chloronaphthalene	13.457	162	93812	4.299	ng/ul	97
45) 2-Nitroaniline	13.669	65	21533	3.723	ng/ul	97
47) Dimethylphthalate	14.045	163	123931	4.265	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	17814	3.792	ng/ul	98
50) Acenaphthylene	14.304	152	158852	4.260	ng/ul	99
51) 3-Nitroaniline	14.492	138	18885	3.701	ng/ul#	97
52) Acenaphthene	14.645	153	104465	4.269	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	8678	4.322	ng/ul	98
55) 4-Nitrophenol	14.792	109	20704	4.551	ng/ul	95
56) Dibenzofuran	14.981	168	142428	4.303	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	25973	3.775	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.204	232	19943	3.597	ng/ul	99
59) Diethylphthalate	15.416	149	126275	4.166	ng/ul	98
61) Fluorene	15.628	166	123297	4.301	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	61061	4.359	ng/ul	100
63) 4-Nitroaniline	15.651	138	21076	4.194	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.704	198	14604	3.765	ng/ul#	78
67) N-Nitrosodiphenylamine	15.845	169	101992	4.199	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	28800	3.216	ng/ul	99
69) Hexachlorobenzene	16.622	284	44308	4.111	ng/ul	96
70) Atrazine	16.804	200	40531	4.395	ng/ul	94
71) Pentachlorophenol	16.975	266	21832	3.749	ng/ul	97
72) Phenanthrene	17.375	178	200405	4.312	ng/ul	97
74) Anthracene	17.463	178	198293	4.109	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	45211	4.174	ng/uL	95
76) Pentachlorobenzene	14.892	250	51704	4.612	ng/uL	95
77) Carbazole	17.739	167	174022	3.899	ng/ul	99
78) Di-n-butylphthalate	18.322	149	201704	3.706	ng/ul	100
80) Fluoranthene	19.392	202	236261	4.258	ng/ul	97
82) Pyrene	19.757	202	256360	4.350	ng/ul	97
83) Butylbenzylphthalate	20.680	149	76606	3.324	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	71205	3.632	ng/ul	98
85) Benzo(a)anthracene	21.516	228	268160	4.306	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.474	149	126916	3.335	ng/ul	99
87) Chrysene	21.569	228	242575	4.211	ng/ul	100
89) Di-n-octyl phthalate	22.421	149	198556	2.809	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	250035	3.932	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	258022	4.072	ng/ul	98
93) Benzo(a)pyrene	23.839	252	247865	4.111	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	290902	3.812	ng/ul	98
95) Dibenzo(a,h)anthracene	26.474	278	251149	3.946	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	237466	3.897	ng/ul	97

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

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BNA_N
ClientSampleId :
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