Quantitation Report (Qedit)

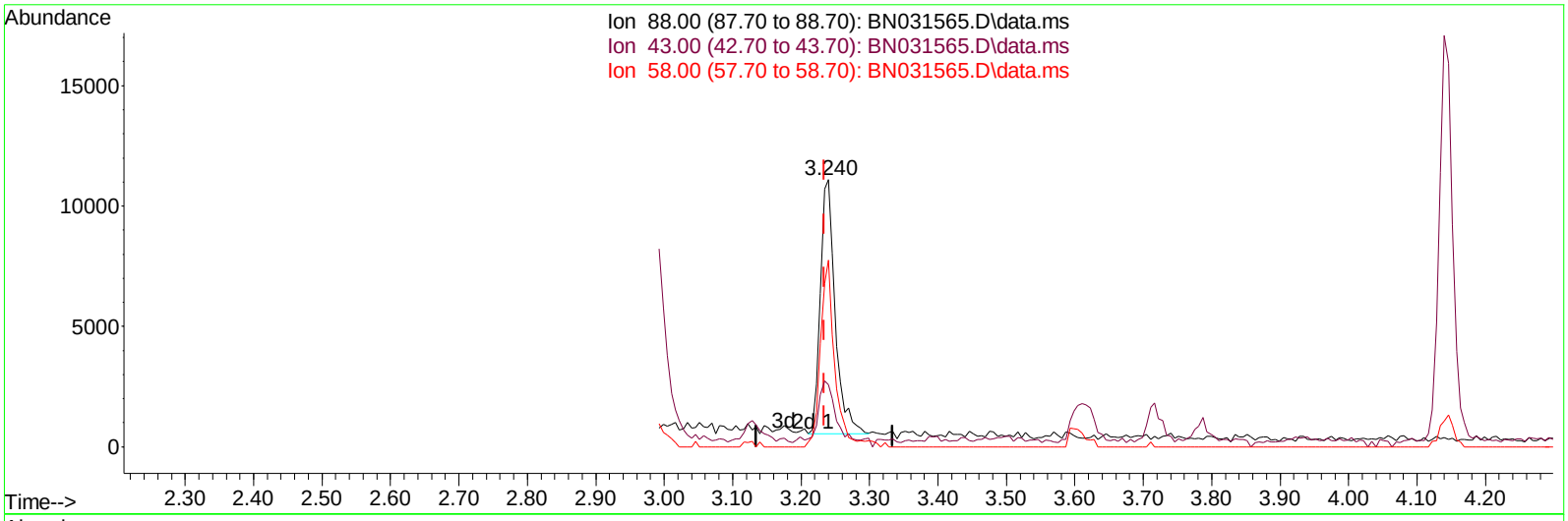
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
Data File : BN031565.D
Acq On : 20 May 2024 10:15
Operator : MA/JU
Sample : P2409-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

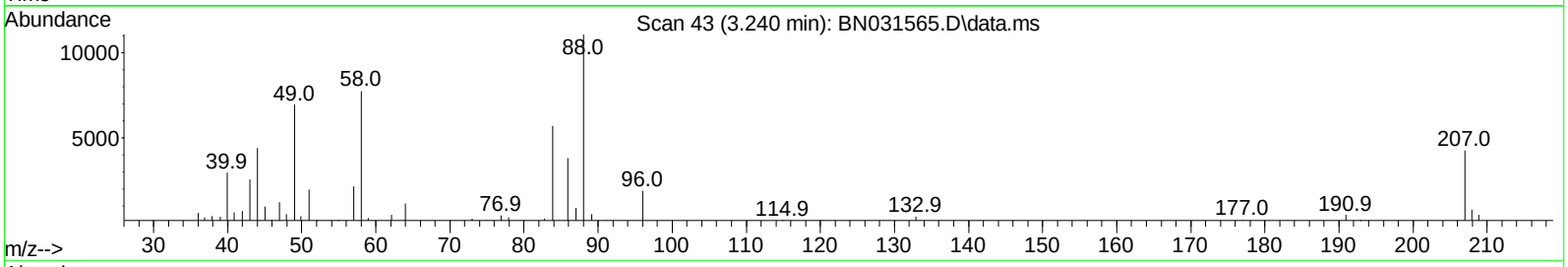
Quant Time: May 20 10:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 15 02:37:21 2024
Response via : Initial Calibration

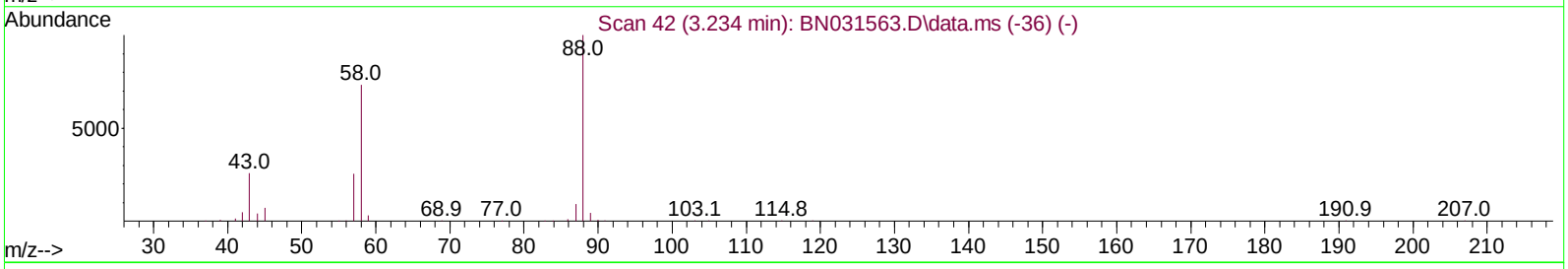
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024







TIC: BN031565.D\data.ms

(2) 1,4-Dioxane

3.240min (+ 0.006) 1.29 ng/uL

response 15857

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.20	23.24
58.00	71.40	69.98
0.00	0.00	0.00

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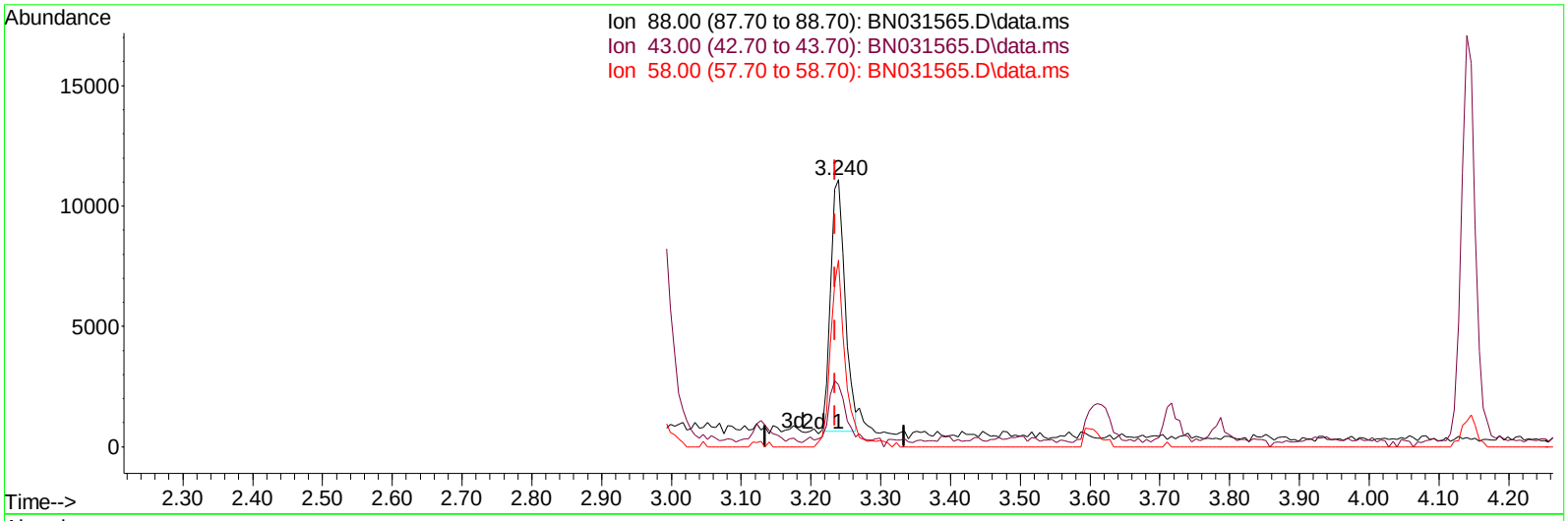

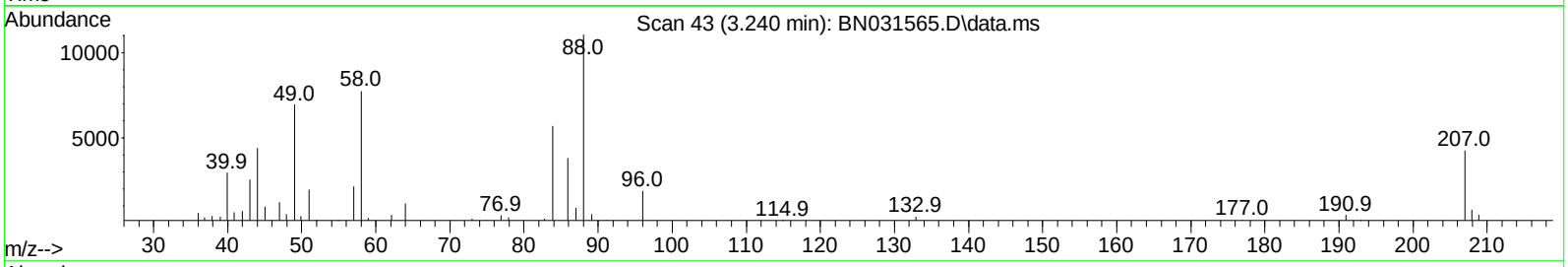

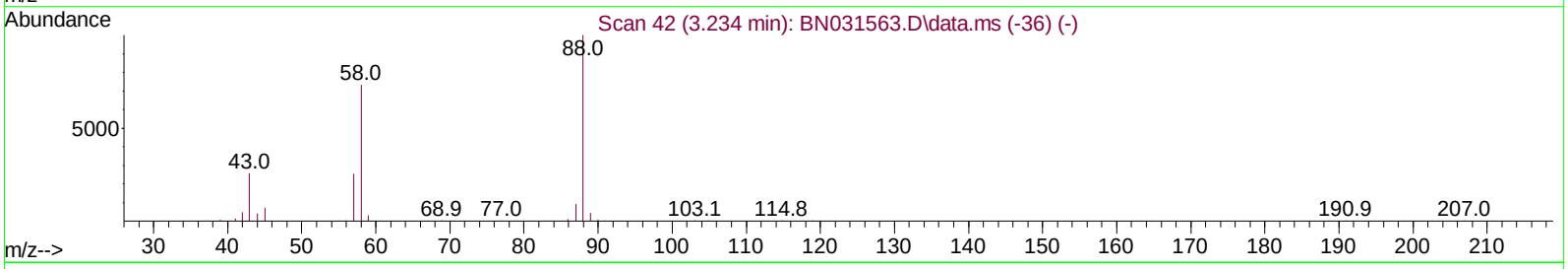

TIC: BN031565.D\data.ms

(2) 1,4-Dioxane

3.240min (+ 0.006) 1.20 ng/uL m

response 14764

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.20	23.24
58.00	71.40	69.98
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	7.693	152	475145	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2146102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1373252	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.074	188	2874031	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2438701	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2006323	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	62505	5.418	ng/uL	0.00
4) Pyridine-d5	3.599	84	902598	25.591	ng/ul	0.00
7) Phenol-d5	6.857	99	1031642	25.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	683703	25.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	764621	27.661	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	782057	25.256	ng/ul	0.00
21) Nitrobenzene-d5	8.845	128	397727	28.119	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	322414	30.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	709181	26.742	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	1159353	24.579	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	2332405	26.853	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2816032	26.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	402056	24.135	ng/ul	0.00
60) Fluorene-d10	15.328	176	2073591	26.104	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	222249	21.597	ng/ul	0.00
73) Anthracene-d10	17.174	188	2913595	23.709	ng/ul	0.00
81) Pyrene-d10	19.468	212	3568046	29.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2515872	28.252	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	14764m	1.199	ng/uL	
5) Pyridine	3.622	79	168770	4.769	ng/ul#	79
6) Benzaldehyde	6.840	77	135042	6.546	ng/ul	98
8) Phenol	6.881	94	201613	4.733	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.128	93	175972	4.935	ng/ul	97
12) 2-Chlorophenol	7.257	128	149593	4.964	ng/ul	100
13) 2-Methylphenol	8.128	108	134082	4.306	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	224291	4.843	ng/ul	98
16) Acetophenone	8.516	105	264565	5.027	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.498	70	122570	4.699	ng/ul	99
18) 4-Methylphenol	8.451	108	156878	4.673	ng/ul	99
19) Hexachloroethane	8.763	117	66818	4.874	ng/ul	98
22) Nitrobenzene	8.887	77	198381	5.024	ng/ul	99
23) Isophorone	9.410	82	342188	4.567	ng/ul	98
25) 2-Nitrophenol	9.592	139	70589	5.624	ng/ul	96
26) 2,4-Dimethylphenol	9.651	107	107813	3.202	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.898	93	237694	4.902	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	136350	5.059	ng/ul	95
30) Naphthalene	10.528	128	553519	4.945	ng/ul	99
32) 4-Chloroaniline	10.640	127	219564	4.724	ng/ul	97
33) Hexachlorobutadiene	10.810	225	88935	4.948	ng/ul	98
34) Caprolactam	11.422	113	42838	4.204	ng/ul	96
35) 4-Chloro-3-methylphenol	11.757	107	142625	4.564	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	363126	4.989	ng/ul	98
37) 1-Methylnaphthalene	12.363	142	377855	5.123	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	177761	4.924	ng/ul	95
40) Hexachlorocyclopentadiene	12.486	237	70410	3.584	ng/ul	92
41) 2,4,6-Trichlorophenol	12.751	196	86278	4.581	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	97515	4.429	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	481695	4.969	ng/ul	96
44) 2-Chloronaphthalene	13.198	162	371193	4.877	ng/ul	97
45) 2-Nitroaniline	13.410	65	82461	4.210	ng/ul	95
47) Dimethylphthalate	13.792	163	454350	4.987	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	65156	4.198	ng/ul	97
50) Acenaphthylene	14.051	152	625465	5.010	ng/ul	100
51) 3-Nitroaniline	14.233	138	75612	4.159	ng/ul	93
52) Acenaphthene	14.392	153	407955	4.873	ng/ul	98
53) 2,4-Dinitrophenol	14.439	184	25545	3.864	ng/ul	95
55) 4-Nitrophenol	14.533	109	67741	5.033	ng/ul	92
56) Dibenzofuran	14.728	168	564899	4.980	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	100710	4.482	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	74193	4.651	ng/ul	91
59) Diethylphthalate	15.163	149	431331	4.723	ng/ul	100
61) Fluorene	15.380	166	464568	4.990	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.380	204	217145	4.887	ng/ul	95
63) 4-Nitroaniline	15.398	138	80389	4.386	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	52891	4.646	ng/ul#	91
67) N-Nitrosodiphenylamine	15.592	169	369694	4.743	ng/ul	96
68) 4-Bromophenyl-phenylether	16.275	248	124989	4.787	ng/ul	98
69) Hexachlorobenzene	16.375	284	147785	4.854	ng/ul	95
70) Atrazine	16.545	200	121777	5.301	ng/ul	96
71) Pentachlorophenol	16.716	266	65285	4.228	ng/ul	91
72) Phenanthrene	17.116	178	723712	4.807	ng/ul	99
74) Anthracene	17.204	178	678922	4.472	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	174467	4.800	ng/uL	96
76) Pentachlorobenzene	14.645	250	184149	5.233	ng/uL	98
77) Carbazole	17.474	167	619589	4.533	ng/ul	99
78) Di-n-butylphthalate	18.051	149	652203	4.329	ng/ul	99
80) Fluoranthene	19.133	202	781002	5.469	ng/ul	100
82) Pyrene	19.492	202	846442	5.473	ng/ul	99
83) Butylbenzylphthalate	20.410	149	211489	4.337	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.215	252	157588	3.506	ng/ul	99
85) Benzo(a)anthracene	21.286	228	763734	4.764	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	344690	4.302	ng/ul	99
87) Chrysene	21.345	228	705119	4.704	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	409100	4.092	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	571075	5.022	ng/ul	97
91) Benzo(k)fluoranthene	23.362	252	573948	4.939	ng/ul	98
93) Benzo(a)pyrene	24.098	252	528360	4.792	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.527	276	471878	3.798	ng/ul	98
95) Dibenzo(a,h)anthracene	27.592	278	403593	3.813	ng/ul	99
96) Benzo(g,h,i)perylene	28.544	276	377643	3.763	ng/ul	97

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

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ClientSampleId :
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