Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
Data File : BG056210.D
Acq On : 5 Jan 2023 11:10
Operator : CG/JU
Sample : N5388-01
Misc : SFAM-MDL-W-01-4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 11:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	47989	20.000	ng/ul	0.00
20) Naphthalene-d8	11.169	136	189983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.947	164	166551	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.679	188	451397	20.000	ng/ul	0.00
79) Chrysene-d12	21.980	240	434461	20.000	ng/ul	0.00
88) Perylene-d12	25.441	264	450061	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.631	96	4751m	4.484	ng/uL	0.00
4) Pyridine-d5	4.072	84	46154	13.636	ng/ul	0.00
7) Phenol-d5	7.462	99	76376	18.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.638	67	33369	19.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.856	132	53868	19.016	ng/ul	0.00
15) 4-Methylphenol-d8	9.025	113	61358	18.188	ng/ul	0.00
21) Nitrobenzene-d5	9.507	128	28801	19.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.235	143	37282	19.003	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.776	165	70596	18.051	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	80228	18.229	ng/ul	0.00
46) Dimethylphthalate-d6	14.330	166	255475	19.332	ng/ul	0.00
49) Acenaphthylene-d8	14.642	160	271301	18.688	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	39733	19.046	ng/ul	0.00
60) Fluorene-d10	15.928	176	231164	18.727	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.034	200	53551	16.885	ng/ul	0.00
73) Anthracene-d10	17.779	188	391271	18.859	ng/ul	0.00
81) Pyrene-d10	20.041	212	477265	18.776	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.200	264	445029	19.282	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	1432m	1.212	ng/uL	
5) Pyridine	4.095	79	11882	3.586	ng/ul#	91
6) Benzaldehyde	7.462	77	8931	6.013	ng/ul#	80
8) Phenol	7.497	94	21644	5.177	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.732	93	14026	4.845	ng/ul#	93
12) 2-Chlorophenol	7.891	128	14165	5.085	ng/ul	92
13) 2-Methylphenol	8.760	108	16006	4.983	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.854	45	2697	5.126	ng/ul#	61
16) Acetophenone	9.160	105	25404	4.894	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.136	70	10727	4.666	ng/ul#	91
18) 4-Methylphenol	9.089	108	17191	4.928	ng/ul	88
19) Hexachloroethane	9.430	117	5856	5.402	ng/ul	99
22) Nitrobenzene	9.548	77	16959	4.978	ng/ul#	91
23) Isophorone	10.065	82	34383	4.788	ng/ul#	93
25) 2-Nitrophenol	10.264	139	9364	4.946	ng/ul	97
26) 2,4-Dimethylphenol	10.306	107	18626	4.804	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.547	93	19856	4.936	ng/ul	98
29) 2,4-Dichlorophenol	10.805	162	18570	5.036	ng/ul#	94
30) Naphthalene	11.216	128	50024	5.031	ng/ul	98
32) 4-Chloroaniline	11.310	127	21383	4.756	ng/ul	91
33) Hexachlorobutadiene	11.492	225	16196	5.120	ng/ul	93
34) Caprolactam	12.062	113	6996	6.045	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.403	107	16594	4.587	ng/ul	91
36) 2-Methylnaphthalene	12.797	142	37108	4.886	ng/ul	89

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
Data File : BG056210.D
Acq On : 5 Jan 2023 11:10
Operator : CG/JU
Sample : N5388-01
Misc : SFAM-MDL-W-01-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 05 11:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.014	142	28647	3.667	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.155	216	33075	5.130	ng/ul	98
40) Hexachlorocyclopentadiene	13.132	237	16990	3.876	ng/ul	94
41) 2,4,6-Trichlorophenol	13.390	196	18147	4.433	ng/ul	98
42) 2,4,5-Trichlorophenol	13.455	196	21073m	4.733	ng/ul	
43) 1,1'-Biphenyl	13.784	154	59498	4.963	ng/ul#	98
44) 2-Chloronaphthalene	13.831	162	46829	4.763	ng/ul	94
45) 2-Nitroaniline	14.025	65	8185	4.362	ng/ul	90
47) Dimethylphthalate	14.377	163	63162	4.836	ng/ul	99
48) 2,6-Dinitrotoluene	14.507	165	12982	4.734	ng/ul#	93
50) Acenaphthylene	14.671	152	72581	4.936	ng/ul	98
51) 3-Nitroaniline	14.836	138	12181	5.865	ng/ul#	81
52) Acenaphthene	15.006	153	48431	4.760	ng/ul	98
53) 2,4-Dinitrophenol	15.041	184	13620	6.945	ng/ul	95
55) 4-Nitrophenol	15.123	109	10172	5.213	ng/ul	89
56) Dibenzofuran	15.335	168	77793	4.946	ng/ul	98
57) 2,4-Dinitrotoluene	15.288	165	18816	4.815	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.558	232	20182	4.682	ng/ul#	92
59) Diethylphthalate	15.729	149	61095	5.031	ng/ul	98
61) Fluorene	15.987	166	63073	4.979	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.964	204	39253	4.956	ng/ul	96
63) 4-Nitroaniline	15.987	138	11727	6.172	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.046	198	16717	5.522	ng/ul#	95
67) N-Nitrosodiphenylamine	16.175	169	57275	4.755	ng/ul	96
68) 4-Bromophenyl-phenylether	16.857	248	27530	4.755	ng/ul	93
69) Hexachlorobenzene	16.986	284	27563	4.808	ng/ul	98
70) Atrazine	17.109	200	24981	4.550	ng/ul	92
71) Pentachlorophenol	17.327	266	19693	5.385	ng/ul	91
72) Phenanthrene	17.726	178	112473	4.887	ng/ul	100
74) Anthracene	17.814	178	114035	4.880	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.755	216	24149	3.550	ng/uL	94
76) Pentachlorobenzene	15.259	250	24867	3.572	ng/uL	95
77) Carbazole	18.073	167	94150	4.909	ng/ul	99
78) Di-n-butylphthalate	18.608	149	101530	5.016	ng/ul	99
80) Fluoranthene	19.712	202	146892	4.886	ng/ul#	98
82) Pyrene	20.071	202	149202	4.963	ng/ul	98
83) Butylbenzylphthalate	20.934	149	40837	4.631	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.857	252	67247	6.546	ng/ul	100
85) Benzo(a)anthracene	21.957	228	146624	4.894	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.822	149	61878	4.853	ng/ul	98
87) Chrysene	22.027	228	136731	4.908	ng/ul	98
89) Di-n-octyl phthalate	23.114	149	104961	5.080	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	150590	5.012	ng/ul	98
91) Benzo(k)fluoranthene	24.401	252	150354	5.114	ng/ul	98
93) Benzo(a)pyrene	25.270	252	135119	5.136	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.413	276	212815	6.149	ng/ul	95
95) Dibenzo(a,h)anthracene	29.471	278	183006m	6.328	ng/ul	
96) Benzo(g,h,i)perylene	30.658	276	192905	6.895	ng/ul#	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
Data File : BG056210.D
Acq On : 5 Jan 2023 11:10
Operator : CG/JU
Sample : N5388-01
Misc : SFAM-MDL-W-01-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 05 11:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023