Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059557.D
Acq On : 31 Oct 2023 10:51
Operator : MA/JU
Sample : 04696-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 04:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	81879	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	480016	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.981	164	300570	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	644853	20.000	ng/ul	0.00
79) Chrysene-d12	22.073	240	537839	20.000	ng/ul	0.00
88) Perylene-d12	25.680	264	569262	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	11160	5.100	ng/uL	0.00
4) Pyridine-d5	4.088	84	131025	21.425	ng/ul	0.00
7) Phenol-d5	7.466	99	184832	21.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.678	67	76958	19.913	ng/ul	0.00
11) 2-Chlorophenol-d4	7.872	132	149776	21.942	ng/ul	0.00
15) 4-Methylphenol-d8	9.041	113	184577	27.651	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	94207	27.602	ng/ul	0.00
24) 2-Nitrophenol-d4	10.275	143	97470	27.818	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	179857	23.298	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	284976	22.425	ng/ul	0.00
46) Dimethylphthalate-d6	14.382	166	554433	20.360	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	684360	21.415	ng/ul	0.00
54) 4-Nitrophenol-d4	15.145	143	109637	23.478	ng/ul	0.00
60) Fluorene-d10	15.974	176	505411	21.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.074	200	71432	23.391	ng/ul	0.00
73) Anthracene-d10	17.836	188	753971	21.582	ng/ul	0.00
81) Pyrene-d10	20.104	212	789613	21.122	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.433	264	752439	22.447	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	4.111	79	20513m	3.401	ng/ul	
6) Benzaldehyde	7.507	77	19338	5.103	ng/ul	98
8) Phenol	7.490	94	26813	3.380	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.766	93	19592	3.368	ng/ul	90
12) 2-Chlorophenol	7.907	128	23222	3.432	ng/ul	99
13) 2-Methylphenol	8.770	108	25004	3.781	ng/ul	82
14) 2,2'-oxybis(1-Chloropr...	8.859	45	20956	3.828	ng/ul#	96
16) Acetophenone	9.199	105	46191	4.390	ng/ul#	80
17) N-Nitroso-di-n-propyla...	9.164	70	17362	3.502	ng/ul#	95
18) 4-Methylphenol	9.105	108	31922	4.537	ng/ul	96
19) Hexachloroethane	9.452	117	13055	4.857	ng/ul#	74
22) Nitrobenzene	9.599	77	31594	4.289	ng/ul#	88
23) Isophorone	10.104	82	61475	3.314	ng/ul#	87
25) 2-Nitrophenol	10.304	139	16306	4.327	ng/ul#	77
26) 2,4-Dimethylphenol	10.327	107	33273	3.357	ng/ul#	88
27) Bis(2-Chloroethoxy)met...	10.592	93	34747	3.364	ng/ul#	89
29) 2,4-Dichlorophenol	10.827	162	29055	3.890	ng/ul	93
30) Naphthalene	11.256	128	111201	3.717	ng/ul#	93
32) 4-Chloroaniline	11.367	127	45763	3.791	ng/ul	98
33) Hexachlorobutadiene	11.485	225	16194	3.614	ng/ul	91
34) Caprolactam	12.137	113	9844m	3.603	ng/ul	
35) 4-Chloro-3-methylphenol	12.431	107	35073	3.936	ng/ul#	75
36) 2-Methylnaphthalene	12.836	142	78760	3.827	ng/ul	83
37) 1-Methylnaphthalene	13.054	142	76605	3.737	ng/ul#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059557.D
Acq On : 31 Oct 2023 10:51
Operator : MA/JU
Sample : 04696-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 04:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.171	216	30451	3.513	ng/ul#	87
40) Hexachlorocyclopentadiene	13.130	237	18088	3.579	ng/ul	98
41) 2,4,6-Trichlorophenol	13.412	196	23277	3.878	ng/ul	93
42) 2,4,5-Trichlorophenol	13.477	196	25779m	3.967	ng/ul	
43) 1,1'-Biphenyl	13.823	154	100556	3.698	ng/ul#	94
44) 2-Chloronaphthalene	13.876	162	70569	3.339	ng/ul#	89
45) 2-Nitroaniline	14.082	65	16204	4.121	ng/ul	86
47) Dimethylphthalate	14.429	163	91868	3.415	ng/ul#	96
48) 2,6-Dinitrotoluene	14.564	165	16030	3.950	ng/ul#	85
50) Acenaphthylene	14.716	152	123699	3.360	ng/ul	98
51) 3-Nitroaniline	14.904	138	19786	3.911	ng/ul	93
52) Acenaphthene	15.051	153	84964	3.540	ng/ul	97
53) 2,4-Dinitrophenol	15.104	184	10191	4.419	ng/ul#	77
55) 4-Nitrophenol	15.163	109	21938	4.263	ng/ul#	85
56) Dibenzofuran	15.380	168	113978	3.663	ng/ul	95
57) 2,4-Dinitrotoluene	15.333	165	24638	4.316	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.586	232	19834	3.888	ng/ul#	89
59) Diethylphthalate	15.768	149	99196	3.380	ng/ul	98
61) Fluorene	16.033	166	91338	3.400	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.015	204	40999	3.571	ng/ul#	94
63) 4-Nitroaniline	16.062	138	19415	3.616	ng/ul#	68
66) 4,6-Dinitro-2-methylph...	16.091	198	13720	4.263	ng/ul#	81
67) N-Nitrosodiphenylamine	16.226	169	81989	3.721	ng/ul	88
68) 4-Bromophenyl-phenylether	16.908	248	23104	3.580	ng/ul	97
69) Hexachlorobenzene	17.002	284	30253	4.057	ng/ul#	82
70) Atrazine	17.161	200	28708	4.205	ng/ul	95
71) Pentachlorophenol	17.355	266	19607	4.602	ng/ul#	78
72) Phenanthrene	17.783	178	153253	3.656	ng/ul	97
74) Anthracene	17.872	178	153868	3.635	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.782	216	29064	3.384	ng/uL#	83
76) Pentachlorobenzene	15.280	250	33106	4.063	ng/uL#	84
77) Carbazole	18.142	167	142281	3.913	ng/ul	99
78) Di-n-butylphthalate	18.659	149	177286	3.548	ng/ul	99
80) Fluoranthene	19.769	202	152870	3.355	ng/ul#	98
82) Pyrene	20.134	202	166383	3.515	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	76020	3.556	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.961	252	59265	4.237	ng/ul#	87
85) Benzo(a)anthracene	22.049	228	162483	3.671	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.896	149	113132	3.547	ng/ul#	97
87) Chrysene	22.119	228	148284m	3.602	ng/ul	
89) Di-n-octyl phthalate	23.253	149	196951	3.952	ng/ul	100
90) Benzo(b)fluoranthene	24.505	252	155576	3.770	ng/ul	95
91) Benzo(k)fluoranthene	24.587	252	151982	3.687	ng/ul	98
93) Benzo(a)pyrene	25.504	252	140985	3.615	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.863	276	179117m	3.623	ng/ul	
95) Dibenzo(a,h)anthracene	29.951	278	147754m	3.619	ng/ul	
96) Benzo(g,h,i)perylene	31.174	276	147749m	3.652	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059557.D
Acq On : 31 Oct 2023 10:51
Operator : MA/JU
Sample : 04696-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 04:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023