Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
Data File : BG059451.D
Acq On : 16 Oct 2023 10:46
Operator : MA/JU
Sample : 02215-02
Misc : SFAM-MDL=WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 11:23:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:05:49 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	31986	20.000	ng/ul	0.00
20) Naphthalene-d8	11.064	136	149487	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.859	164	97405	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	236052	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	245132	20.000	ng/ul	0.00
88) Perylene-d12	25.382	264	289162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	5458	5.351	ng/uL	0.00
4) Pyridine-d5	3.943	84	66295	23.748	ng/ul	0.00
7) Phenol-d5	7.344	99	77739	22.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	47322	23.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.738	132	60637	24.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	57082	21.376	ng/ul	0.00
21) Nitrobenzene-d5	9.413	128	30342	24.578	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	30941	25.675	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.658	165	55077	21.993	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	82912	20.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	187755	22.751	ng/ul	0.00
49) Acenaphthylene-d8	14.560	160	223571	22.468	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	29750	20.870	ng/ul	0.00
60) Fluorene-d10	15.840	176	178240	22.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	29854	20.698	ng/ul	0.00
73) Anthracene-d10	17.703	188	281923	23.230	ng/ul	0.00
81) Pyrene-d10	19.983	212	341347	22.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	361287	22.822	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.549	88	1620	1.277	ng/uL#	77
5) Pyridine	3.966	79	10604	3.846	ng/ul#	54
6) Benzaldehyde	7.362	77	7113	4.620	ng/ul	83
8) Phenol	7.374	94	11918	3.415	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.638	93	10047	3.673	ng/ul	87
12) 2-Chlorophenol	7.768	128	9676	3.783	ng/ul	89
13) 2-Methylphenol	8.649	108	9398	3.673	ng/ul#	78
14) 2,2'-oxybis(1-Chloropr...	8.719	45	21977	3.838	ng/ul#	96
16) Acetophenone	9.054	105	14740	3.678	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.013	70	7699	4.189	ng/ul#	79
18) 4-Methylphenol	8.978	108	10181	3.672	ng/ul	95
19) Hexachloroethane	9.295	117	3385	3.437	ng/ul#	82
22) Nitrobenzene	9.460	77	10764	3.908	ng/ul#	85
23) Isophorone	9.959	82	21185	3.621	ng/ul#	98
25) 2-Nitrophenol	10.171	139	5231	3.968	ng/ul#	79
26) 2,4-Dimethylphenol	10.188	107	9600	3.479	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.447	93	13665	3.657	ng/ul#	92
29) 2,4-Dichlorophenol	10.688	162	9151	3.792	ng/ul	95
30) Naphthalene	11.111	128	34122	3.792	ng/ul#	96
32) 4-Chloroaniline	11.228	127	13029	3.492	ng/ul#	80
33) Hexachlorobutadiene	11.334	225	5749	3.601	ng/ul#	82
34) Caprolactam	12.015	113	2895m	3.396	ng/ul	
35) 4-Chloro-3-methylphenol	12.303	107	8347	3.386	ng/ul#	88
36) 2-Methylnaphthalene	12.697	142	20460	3.524	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
Data File : BG059451.D
Acq On : 16 Oct 2023 10:46
Operator : MA/JU
Sample : 02215-02
Misc : SFAM-MDL=WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 11:23:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:05:49 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	21689	3.669	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.044	216	11063	3.517	ng/ul	96
40) Hexachlorocyclopentadiene	12.991	237	9920	5.452	ng/ul#	74
41) 2,4,6-Trichlorophenol	13.285	196	6485	3.354	ng/ul	97
42) 2,4,5-Trichlorophenol	13.355	196	7994	3.757	ng/ul	87
43) 1,1'-Biphenyl	13.690	154	30393	3.489	ng/ul#	89
44) 2-Chloronaphthalene	13.743	162	22858	3.430	ng/ul	93
45) 2-Nitroaniline	13.966	65	5734	3.238	ng/ul	91
47) Dimethylphthalate	14.295	163	31255	3.779	ng/ul	99
48) 2,6-Dinitrotoluene	14.448	165	5470	3.591	ng/ul#	86
50) Acenaphthylene	14.589	152	38734	3.683	ng/ul#	92
51) 3-Nitroaniline	14.789	138	6392	3.959	ng/ul#	96
52) Acenaphthene	14.918	153	25789	3.584	ng/ul	98
53) 2,4-Dinitrophenol	14.983	184	5172	6.417	ng/ul#	77
55) 4-Nitrophenol	15.053	109	3995	3.984	ng/ul#	75
56) Dibenzofuran	15.253	168	36304	3.731	ng/ul	95
57) 2,4-Dinitrotoluene	15.223	165	7311	3.412	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.464	232	6232	3.278	ng/ul#	97
59) Diethylphthalate	15.641	149	29468	3.687	ng/ul	98
61) Fluorene	15.899	166	30369	3.720	ng/ul#	90
62) 4-Chlorophenyl-phenyle...	15.882	204	15701	3.831	ng/ul#	89
63) 4-Nitroaniline	15.940	138	5927	3.792	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.970	198	5280	3.424	ng/ul#	98
67) N-Nitrosodiphenylamine	16.105	169	24612	3.567	ng/ul	93
68) 4-Bromophenyl-phenylether	16.775	248	8208	3.172	ng/ul	93
69) Hexachlorobenzene	16.874	284	10824	3.649	ng/ul#	90
70) Atrazine	17.033	200	9755	3.582	ng/ul	89
71) Pentachlorophenol	17.227	266	7586m	4.512	ng/ul	
72) Phenanthrene	17.650	178	53551	3.648	ng/ul	95
74) Anthracene	17.738	178	55663	3.679	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.649	216	10425	3.066	ng/uL#	86
76) Pentachlorobenzene	15.147	250	12023	3.655	ng/uL#	88
77) Carbazole	18.020	167	45011	3.457	ng/ul	99
78) Di-n-butylphthalate	18.520	149	54675	3.690	ng/ul#	97
80) Fluoranthene	19.642	202	65602	3.628	ng/ul#	96
82) Pyrene	20.006	202	72608	3.778	ng/ul#	96
83) Butylbenzylphthalate	20.864	149	22686	3.495	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.804	252	22477	3.537	ng/ul	92
85) Benzo(a)anthracene	21.886	228	72393m	3.743	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.716	149	34494	3.685	ng/ul	98
87) Chrysene	21.963	228	69012	3.787	ng/ul	99
89) Di-n-octyl phthalate	23.003	149	57525	3.362	ng/ul	100
90) Benzo(b)fluoranthene	24.254	252	70368m	3.583	ng/ul	
91) Benzo(k)fluoranthene	24.336	252	75293	3.740	ng/ul	94
93) Benzo(a)pyrene	25.218	252	68118	3.617	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.389	276	75159m	3.549	ng/ul	
95) Dibenzo(a,h)anthracene	29.471	278	59971m	3.426	ng/ul	
96) Benzo(g,h,i)perylene	30.670	276	61737m	3.590	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
Data File : BG059451.D
Acq On : 16 Oct 2023 10:46
Operator : MA/JU
Sample : 02215-02
Misc : SFAM-MDL=WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 11:23:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:05:49 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023