Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058999.D
Acq On : 12 Sep 2023 3:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Sep 12 03:51:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020554

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.324	152	114711	20.000	ng/ul		0.00
20) Naphthalene-d8	11.168	136	517632	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.952	164	376827	20.000	ng/ul	#	0.00
64) Phenanthrene-d10	17.696	188	975811	20.000	ng/ul	#	0.00
79) Chrysene-d12	22.020	240	927824	20.000	ng/ul		0.00
88) Perylene-d12	25.586	264	1059074	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.636	96	21560	7.989	ng/uL		0.00
4) Pyridine-d5	4.070	84	153750	17.994	ng/ul		0.00
7) Phenol-d5	7.431	99	201702	17.437	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	123771	18.247	ng/ul		0.00
11) 2-Chlorophenol-d4	7.837	132	145280	19.582	ng/ul		0.00
15) 4-Methylphenol-d8	9.006	113	160993	18.014	ng/ul		0.00
21) Nitrobenzene-d5	9.517	128	70806	18.858	ng/ul		0.00
24) 2-Nitrophenol-d4	10.240	143	80809	19.614	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.763	165	161531	18.448	ng/ul		0.00
31) 4-Chloroaniline-d4	11.309	131	225505	19.151	ng/ul		0.00
46) Dimethylphthalate-d6	14.341	166	548981	18.781	ng/ul		0.00
49) Acenaphthylene-d8	14.646	160	597309	18.351	ng/ul		0.00
54) 4-Nitrophenol-d4	15.110	143	100023	20.601	ng/ul		0.00
60) Fluorene-d10	15.933	176	479136	18.471	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	93038	19.424	ng/ul		0.00
73) Anthracene-d10	17.796	188	790544	18.250	ng/ul		0.00
81) Pyrene-d10	20.063	212	926147	18.844	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.334	264	956173	18.418	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.677	88	24994	7.188	ng/uL#		83
5) Pyridine	4.094	79	172826	18.943	ng/ul		95
6) Benzaldehyde	7.466	77	134724	19.045	ng/ul		90
8) Phenol	7.461	94	213767	17.378	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.737	93	161108	17.920	ng/ul		86
12) 2-Chlorophenol	7.872	128	137118	17.881	ng/ul#		92
13) 2-Methylphenol	8.736	108	165654	17.885	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.835	45	193230	17.899	ng/ul		96
16) Acetophenone	9.164	105	263344	17.774	ng/ul#		95
17) N-Nitroso-di-n-propyla...	9.123	70	141521	17.039	ng/ul#		97
18) 4-Methylphenol	9.070	108	182592	18.051	ng/ul		95
19) Hexachloroethane	9.405	117	61590	19.163	ng/ul#		75
22) Nitrobenzene	9.564	77	205900	18.318	ng/ul		91
23) Isophorone	10.069	82	424023	17.759	ng/ul		98
25) 2-Nitrophenol	10.269	139	82519	19.643	ng/ul		96
26) 2,4-Dimethylphenol	10.287	107	190565	18.304	ng/ul		92
27) Bis(2-Chloroethoxy)met...	10.551	93	225860	17.649	ng/ul		95
29) 2,4-Dichlorophenol	10.792	162	149656	18.042	ng/ul		93
30) Naphthalene	11.221	128	508812	18.648	ng/ul		97
32) 4-Chloroaniline	11.332	127	210293	18.602	ng/ul		99
33) Hexachlorobutadiene	11.450	225	116188	17.902	ng/ul		86
34) Caprolactam	12.102	113	60221	20.457	ng/ul		99
35) 4-Chloro-3-methylphenol	12.396	107	189278	18.573	ng/ul		91
36) 2-Methylnaphthalene	12.795	142	355966	17.483	ng/ul		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058999.D
Acq On : 12 Sep 2023 3:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Sep 12 03:51:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020554

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.013	142	363013	18.076	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.136	216	205159	16.679	ng/ul	91
40) Hexachlorocyclopentadiene	13.095	237	130903	14.463	ng/ul	91
41) 2,4,6-Trichlorophenol	13.377	196	139867	17.911	ng/ul	92
42) 2,4,5-Trichlorophenol	13.442	196	150891	17.848	ng/ul	94
43) 1,1'-Biphenyl	13.788	154	511821	18.170	ng/ul	98
44) 2-Chloronaphthalene	13.841	162	387117	17.994	ng/ul	96
45) 2-Nitroaniline	14.053	65	124818	18.917	ng/ul#	86
47) Dimethylphthalate	14.388	163	512105	18.529	ng/ul	97
48) 2,6-Dinitrotoluene	14.529	165	105902	20.144	ng/ul	93
50) Acenaphthylene	14.682	152	659410	18.582	ng/ul	97
51) 3-Nitroaniline	14.870	138	104244	20.662	ng/ul#	87
52) Acenaphthene	15.011	153	429774	18.047	ng/ul	98
53) 2,4-Dinitrophenol	15.063	184	56423	16.651	ng/ul#	83
55) 4-Nitrophenol	15.128	109	104926	18.316	ng/ul	88
56) Dibenzofuran	15.345	168	636914	18.465	ng/ul	99
57) 2,4-Dinitrotoluene	15.304	165	151495	20.884	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.545	232	155207	19.220	ng/ul#	96
59) Diethylphthalate	15.733	149	515908	18.934	ng/ul	96
61) Fluorene	15.992	166	528437	18.640	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.974	204	274526	18.301	ng/ul	94
63) 4-Nitroaniline	16.027	138	100294	20.976	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.051	198	92894	17.769	ng/ul	98
67) N-Nitrosodiphenylamine	16.192	169	448117	17.422	ng/ul	98
68) 4-Bromophenyl-phenylether	16.873	248	179841	16.800	ng/ul	93
69) Hexachlorobenzene	16.961	284	202069	16.443	ng/ul	94
70) Atrazine	17.126	200	196645	19.536	ng/ul	96
71) Pentachlorophenol	17.314	266	137749	18.185	ng/ul	97
72) Phenanthrene	17.737	178	900898	18.191	ng/ul	98
74) Anthracene	17.831	178	931024	18.496	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.747	216	229644	16.309	ng/uL	94
76) Pentachlorobenzene	15.234	250	230918	16.970	ng/uL	97
77) Carbazole	18.107	167	810380	19.226	ng/ul	99
78) Di-n-butylphthalate	18.618	149	889469	19.035	ng/ul	100
80) Fluoranthene	19.729	202	1079887	18.920	ng/ul	98
82) Pyrene	20.093	202	1108886	18.688	ng/ul#	94
83) Butylbenzylphthalate	20.956	149	384483	20.506	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.908	252	414093	20.116	ng/ul#	90
85) Benzo(a)anthracene	21.996	228	1136298	18.262	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.838	149	569768	20.290	ng/ul	99
87) Chrysene	22.067	228	1037810	17.942	ng/ul	96
89) Di-n-octyl phthalate	23.172	149	958586	19.676	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	1138330	18.043	ng/ul	98
91) Benzo(k)fluoranthene	24.499	252	1154626	17.909	ng/ul	96
93) Benzo(a)pyrene	25.416	252	1070826	18.192	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.711	276	1330185m	17.885	ng/ul	
95) Dibenzo(a,h)anthracene	29.799	278	1110394	18.018	ng/ul	98
96) Benzo(g,h,i)perylene	31.027	276	1092955m	18.566	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058999.D
Acq On : 12 Sep 2023 3:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Sep 12 03:51:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020554

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023