Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061917.D
Acq On : 6 Jul 2024 5:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 06 06:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020557

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
07/08/2024
Supervised By :mohammad ahmed
07/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	38615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.909	136	188724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	135606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	312891	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	285055	20.000	ng/ul	0.00
88) Perylene-d12	24.951	264	341540	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	7551m	7.348	ng/uL	0.00
4) Pyridine-d5	3.905	84	53354	16.886	ng/ul	0.00
7) Phenol-d5	7.242	99	78914	18.674	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.413	67	46326	17.311	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	57053	19.682	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	61560	18.502	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	29556	20.592	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	34696	21.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	65855	20.830	ng/ul	0.00
31) 4-Chloroaniline-d4	11.038	131	89693	19.541	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	214303	19.222	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	239691	20.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	33471	18.800	ng/ul	-0.01
60) Fluorene-d10	15.709	176	188473	20.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	36804	22.397	ng/ul	0.00
73) Anthracene-d10	17.554	188	302797	20.728	ng/ul	0.00
81) Pyrene-d10	19.833	212	321437	19.171	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.734	264	345641	20.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	8608m	7.590	ng/uL	
5) Pyridine	3.929	79	52927	16.334	ng/ul	95
6) Benzaldehyde	7.231	77	45771	20.465	ng/ul	91
8) Phenol	7.272	94	76501	17.682	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.513	93	59697	17.961	ng/ul#	95
12) 2-Chlorophenol	7.654	128	57333	19.414	ng/ul	94
13) 2-Methylphenol	8.529	108	56812	18.397	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.617	45	120332	16.571	ng/ul	98
16) Acetophenone	8.917	105	101205	18.414	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.899	70	53908	17.520	ng/ul#	94
18) 4-Methylphenol	8.858	108	63527	18.370	ng/ul	96
19) Hexachloroethane	9.181	117	25440	19.858	ng/ul	93
22) Nitrobenzene	9.305	77	84292	20.689	ng/ul	97
23) Isophorone	9.822	82	162691	17.675	ng/ul	97
25) 2-Nitrophenol	10.016	139	33805	20.224	ng/ul	88
26) 2,4-Dimethylphenol	10.068	107	81064	20.263	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.303	93	87808	17.323	ng/ul	99
29) 2,4-Dichlorophenol	10.550	162	58962	19.854	ng/ul	96
30) Naphthalene	10.961	128	204020	19.680	ng/ul	96
32) 4-Chloroaniline	11.061	127	85986	19.092	ng/ul	98
33) Hexachlorobutadiene	11.232	225	48652	21.770	ng/ul#	88
34) Caprolactam	11.808	113	22217m	19.095	ng/ul	
35) 4-Chloro-3-methylphenol	12.178	107	79918	20.206	ng/ul	92
36) 2-Methylnaphthalene	12.554	142	151212	20.134	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061917.D
Acq On : 6 Jul 2024 5:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 06 06:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020557

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

07/08/2024

Supervised By :mohammad ahmed

07/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	160148	20.519	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.912	216	89538	21.987	ng/ul	94
40) Hexachlorocyclopentadiene	12.889	237	43494	16.044	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.153	196	57162	21.134	ng/ul	97
42) 2,4,5-Trichlorophenol	13.229	196	58274	19.613	ng/ul	91
43) 1,1'-Biphenyl	13.553	154	204955	19.616	ng/ul	98
44) 2-Chloronaphthalene	13.600	162	162543	20.728	ng/ul	91
45) 2-Nitroaniline	13.799	65	68493	21.812	ng/ul	97
47) Dimethylphthalate	14.164	163	205479	19.162	ng/ul	96
48) 2,6-Dinitrotoluene	14.287	165	42045	20.668	ng/ul	91
50) Acenaphthylene	14.440	152	250261	19.560	ng/ul	100
51) 3-Nitroaniline	14.616	138	43301	21.867	ng/ul#	86
52) Acenaphthene	14.781	153	179707	20.341	ng/ul	94
53) 2,4-Dinitrophenol	14.822	184	20051	18.866	ng/ul#	86
55) 4-Nitrophenol	14.922	109	44914	22.103	ng/ul	84
56) Dibenzofuran	15.115	168	248788	19.924	ng/ul	95
57) 2,4-Dinitrotoluene	15.074	165	66051	22.140	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.333	232	56955m	21.228	ng/ul	
59) Diethylphthalate	15.521	149	225436	19.509	ng/ul	99
61) Fluorene	15.762	166	211889	19.954	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.750	204	111614	20.926	ng/ul	94
63) 4-Nitroaniline	15.779	138	40393	20.103	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.832	198	38391	21.709	ng/ul#	91
67) N-Nitrosodiphenylamine	15.961	169	175268	20.512	ng/ul	97
68) 4-Bromophenyl-phenylether	16.643	248	78170	22.022	ng/ul	94
69) Hexachlorobenzene	16.755	284	88778	21.750	ng/ul	98
70) Atrazine	16.907	200	70656	20.947	ng/ul	100
71) Pentachlorophenol	17.101	266	45671	20.356	ng/ul	94
72) Phenanthrene	17.501	178	339836	20.598	ng/ul	98
74) Anthracene	17.589	178	344779	20.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.517	216	87633	22.550	ng/ul	95
76) Pentachlorobenzene	15.027	250	99527	22.455	ng/ul	95
77) Carbazole	17.859	167	295075	20.564	ng/ul	99
78) Di-n-butylphthalate	18.406	149	361758	19.637	ng/ul	98
80) Fluoranthene	19.504	202	386398	19.473	ng/ul	96
82) Pyrene	19.863	202	397019	19.370	ng/ul	97
83) Butylbenzylphthalate	20.738	149	163053	18.955	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.614	252	152020	22.417	ng/ul	98
85) Benzo(a)anthracene	21.702	228	409823	19.857	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.596	149	235151	19.050	ng/ul#	97
87) Chrysene	21.766	228	389662	20.168	ng/ul	98
89) Di-n-octyl phthalate	22.818	149	403682	19.347	ng/ul	100
90) Benzo(b)fluoranthene	23.923	252	427177m	19.852	ng/ul	
91) Benzo(k)fluoranthene	23.993	252	424569	19.786	ng/ul	97
93) Benzo(a)pyrene	24.804	252	405858	19.918	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.647	276	528892	20.311	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.711	278	436667	20.304	ng/ul	96
96) Benzo(g,h,i)perylene	29.804	276	420518	20.299	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061917.D
Acq On : 6 Jul 2024 5:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 06 06:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020557

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

07/08/2024

Supervised By :mohammad ahmed

07/09/2024