Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058405.D
Acq On : 22 Jul 2023 17:28
Operator : CG/JU
Sample : 03536-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBW57MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 02:12:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	49326	20.000	ng/ul	0.00
20) Naphthalene-d8	10.700	136	215171	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.537	164	140773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	295766	20.000	ng/ul	0.00
79) Chrysene-d12	21.534	240	238651	20.000	ng/ul	0.00
88) Perylene-d12	24.672	264	292273	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	3721	2.777	ng/uL	0.00
4) Pyridine-d5	3.743	84	50770	12.763	ng/ul	0.00
7) Phenol-d5	7.069	99	75838	16.207	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	49227	16.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	54310	16.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	22720	6.366	ng/ul	0.00
21) Nitrobenzene-d5	9.055	128	29072	18.025	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	29681	16.857	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.324	165	57790	17.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.847	131	4875	0.996	ng/ul	0.01
46) Dimethylphthalate-d6	13.937	166	189161	17.426	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	211912	18.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	12608	7.691	ng/ul	0.01
60) Fluorene-d10	15.524	176	168790	18.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	4066	2.698	ng/ul	0.00
73) Anthracene-d10	17.380	188	233676	18.285	ng/ul	0.00
81) Pyrene-d10	19.672	212	228413	16.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.454	264	153665	10.878	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	10260	6.749	ng/uL#	82
5) Pyridine	3.790	79	7944	1.891	ng/ul#	83
6) Benzaldehyde	7.034	77	63897m	33.813	ng/ul	
8) Phenol	7.092	94	91008	18.729	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	65561	17.611	ng/ul	96
12) 2-Chlorophenol	7.463	128	61680	17.990	ng/ul	97
13) 2-Methylphenol	8.344	108	22812	6.023	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.420	45	109805m	17.999	ng/ul	
16) Acetophenone	8.714	105	155646	25.607	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.696	70	58923	17.712	ng/ul	96
18) 4-Methylphenol	8.673	108	41599	10.107	ng/ul	94
19) Hexachloroethane	8.973	117	16631	12.306	ng/ul	90
22) Nitrobenzene	9.102	77	80227	18.653	ng/ul	99
23) Isophorone	9.619	82	161874	16.787	ng/ul	99
25) 2-Nitrophenol	9.813	139	36378	19.342	ng/ul	95
26) 2,4-Dimethylphenol	9.871	107	4694	1.119	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.101	93	93670	18.342	ng/ul	96
29) 2,4-Dichlorophenol	10.347	162	59947	18.712	ng/ul	96
30) Naphthalene	10.747	128	220098	19.137	ng/ul	99
32) 4-Chloroaniline	10.864	127	6648m	1.329	ng/ul	
33) Hexachlorobutadiene	11.029	225	45861	20.020	ng/ul	97
34) Caprolactam	11.622	113	17814	13.388	ng/ul	100
35) 4-Chloro-3-methylphenol	11.993	107	55511	13.616	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	148450	19.266	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058405.D
Acq On : 22 Jul 2023 17:28
Operator : CG/JU
Sample : 03536-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBW57MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 02:12:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	148484	18.802	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.727	216	81909	20.100	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	15013	6.850	ng/ul	95
41) 2,4,6-Trichlorophenol	12.968	196	50931	18.462	ng/ul	96
42) 2,4,5-Trichlorophenol	13.050	196	59436	20.205	ng/ul	97
43) 1,1'-Biphenyl	13.367	154	198787	20.883	ng/ul	99
44) 2-Chloronaphthalene	13.409	162	156607	20.692	ng/ul	98
45) 2-Nitroaniline	13.614	65	49686	18.900	ng/ul	97
47) Dimethylphthalate	13.984	163	203324	18.647	ng/ul	100
48) 2,6-Dinitrotoluene	14.114	165	41994	19.930	ng/ul	94
50) Acenaphthylene	14.255	152	238383	19.413	ng/ul	98
51) 3-Nitroaniline	14.443	138	13515	7.697	ng/ul	98
52) Acenaphthene	14.595	153	171756	20.146	ng/ul	99
53) 2,4-Dinitrophenol	14.660	184	4202	3.747	ng/ul	92
55) 4-Nitrophenol	14.766	109	20977	16.614	ng/ul	94
56) Dibenzofuran	14.936	168	244503	20.141	ng/ul	97
57) 2,4-Dinitrotoluene	14.901	165	56621	18.632	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.159	232	49098	18.065	ng/ul#	96
59) Diethylphthalate	15.347	149	209251	18.628	ng/ul	99
61) Fluorene	15.582	166	198576	19.947	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.571	204	103540	19.591	ng/ul	98
63) 4-Nitroaniline	15.606	138	18528m	11.661	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.665	198	9161	5.909	ng/ul#	91
67) N-Nitrosodiphenylamine	15.788	169	129485	17.661	ng/ul	99
68) 4-Bromophenyl-phenylether	16.464	248	69523	22.192	ng/ul	98
69) Hexachlorobenzene	16.587	284	52209	14.769	ng/ul	98
70) Atrazine	16.734	200	61429	21.371	ng/ul	97
71) Pentachlorophenol	16.934	266	31325	15.787	ng/ul	88
72) Phenanthrene	17.322	178	303014	21.558	ng/ul	98
74) Anthracene	17.416	178	275603	19.532	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.332	216	78824	21.247	ng/uL	96
76) Pentachlorobenzene	14.854	250	75682	18.655	ng/uL	94
77) Carbazole	17.686	167	201291	16.457	ng/ul	99
78) Di-n-butylphthalate	18.238	149	353694	22.756	ng/ul	99
80) Fluoranthene	19.337	202	345869	21.419	ng/ul	98
82) Pyrene	19.695	202	261725	15.996	ng/ul	99
83) Butylbenzylphthalate	20.582	149	155874	24.194	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.434	252	6359	1.194	ng/ul#	72
85) Benzo(a)anthracene	21.517	228	339682	21.176	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.411	149	242881	26.504	ng/ul	100
87) Chrysene	21.581	228	326861	21.483	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	385579	24.794	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	355052m	20.996	ng/ul	
91) Benzo(k)fluoranthene	23.743	252	349739	20.737	ng/ul	99
93) Benzo(a)pyrene	24.519	252	135339	8.998	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.250	276	286118	14.438	ng/ul	100
95) Dibenzo(a,h)anthracene	28.309	278	344692	21.211	ng/ul	99
96) Benzo(g,h,i)perylene	29.378	276	15390m	0.953	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058405.D
Acq On : 22 Jul 2023 17:28
Operator : CG/JU
Sample : 03536-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 02:12:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
YBW57MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023