Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063334.D
Acq On : 12 Nov 2024 20:35
Operator : RC/JU
Sample : PB164901BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS901

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 22:41:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	99996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	469868	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	431784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	991734	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1007471	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1074192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	12123m	5.482	ng/uL	-0.01
4) Pyridine-d5	3.699	84	202156	27.658	ng/ul	-0.01
7) Phenol-d5	7.007	99	302253	33.498	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	174871	33.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	205077	35.016	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	255269	33.377	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	111934	33.885	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	141491	33.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	286109	34.148	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	303957	27.853	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	932899	27.583	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1052883	31.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	139635	30.154	ng/ul	0.00
60) Fluorene-d10	15.467	176	873917	30.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	194955	31.279	ng/ul	0.00
73) Anthracene-d10	17.324	188	1408809	33.052	ng/ul	0.00
81) Pyrene-d10	19.621	212	1739365	34.435	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1755378	33.846	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	25841	9.492	ng/uL#	81
5) Pyridine	3.722	79	193728	25.977	ng/ul	96
6) Benzaldehyde	6.972	77	117868	23.635	ng/ul	96
8) Phenol	7.036	94	310872	31.615	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.259	93	207866	31.083	ng/ul	93
12) 2-Chlorophenol	7.400	128	204049	32.571	ng/ul	98
13) 2-Methylphenol	8.276	108	236818	32.971	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.352	45	284370	33.643	ng/ul	93
16) Acetophenone	8.652	105	368017	29.886	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.640	70	216281	30.111	ng/ul	96
18) 4-Methylphenol	8.605	108	262435	32.132	ng/ul	95
19) Hexachloroethane	8.910	117	82836	32.630	ng/ul	98
22) Nitrobenzene	9.028	77	316524	31.076	ng/ul	97
23) Isophorone	9.551	82	600199	27.920	ng/ul	99
25) 2-Nitrophenol	9.739	139	140137	33.205	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	238906	25.952	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.033	93	324157	31.279	ng/ul	93
29) 2,4-Dichlorophenol	10.274	162	263194	33.321	ng/ul	95
30) Naphthalene	10.673	128	763598	31.761	ng/ul	98
32) 4-Chloroaniline	10.785	127	229416	21.965	ng/ul	95
33) Hexachlorobutadiene	10.961	225	221741	29.332	ng/ul	97
34) Caprolactam	11.531	113	86025m	26.204	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	292894	30.903	ng/ul	94
36) 2-Methylnaphthalene	12.289	142	578625	30.366	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063334.D
Acq On : 12 Nov 2024 20:35
Operator : RC/JU
Sample : PB164901BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS901

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 22:41:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	590929	29.822	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.659	216	461401	30.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.636	237	149127	17.943	ng/ul	95
41) 2,4,6-Trichlorophenol	12.900	196	245946	29.935	ng/ul	95
42) 2,4,5-Trichlorophenol	12.976	196	271212	30.441	ng/ul	94
43) 1,1'-Biphenyl	13.299	154	850259	31.066	ng/ul	98
44) 2-Chloronaphthalene	13.341	162	657705	30.867	ng/ul	96
45) 2-Nitroaniline	13.546	65	228631	31.456	ng/ul	93
47) Dimethylphthalate	13.928	163	861617	26.569	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	186773	30.097	ng/ul	97
50) Acenaphthylene	14.193	152	1047314	31.759	ng/ul	98
51) 3-Nitroaniline	14.381	138	170071	31.397	ng/ul	98
52) Acenaphthene	14.539	153	723855	30.669	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	101991	24.928	ng/ul	96
55) 4-Nitrophenol	14.698	109	154424	25.658	ng/ul	94
56) Dibenzofuran	14.868	168	1080327	29.901	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	275669	28.087	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.103	232	246388m	26.703	ng/ul	
59) Diethylphthalate	15.297	149	864005	25.986	ng/ul	99
61) Fluorene	15.526	166	918374	30.033	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.514	204	564720	28.736	ng/ul	98
63) 4-Nitroaniline	15.544	138	181560	33.117	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.608	198	201195	31.104	ng/ul#	95
67) N-Nitrosodiphenylamine	15.732	169	762862	34.481	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	379458	33.469	ng/ul	98
69) Hexachlorobenzene	16.531	284	407073	33.703	ng/ul	97
70) Atrazine	16.684	200	159879	13.210	ng/ul	95
71) Pentachlorophenol	16.878	266	149134	24.629	ng/ul	95
72) Phenanthrene	17.265	178	1518235	33.506	ng/ul	99
74) Anthracene	17.359	178	1517591	32.694	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	461878	36.015	ng/ul	93
76) Pentachlorobenzene	14.798	250	469302	34.316	ng/ul	97
77) Carbazole	17.630	167	1256699	32.609	ng/ul	98
78) Di-n-butylphthalate	18.188	149	1442606	32.908	ng/ul	99
80) Fluoranthene	19.287	202	1915603	35.085	ng/ul#	99
82) Pyrene	19.651	202	1975474	34.135	ng/ul#	96
83) Butylbenzylphthalate	20.544	149	634501	37.515	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.378	252	728530	33.629	ng/ul	96
85) Benzo(a)anthracene	21.460	228	2131666	33.450	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	912546	37.041	ng/ul	99
87) Chrysene	21.519	228	1991002	33.511	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	1590332	37.569	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2162463	33.459	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	2150271	33.402	ng/ul	100
93) Benzo(a)pyrene	24.369	252	1928998	32.267	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.935	276	2405092	32.798	ng/ul	96
95) Dibenzo(a,h)anthracene	27.982	278	1976220	33.055	ng/ul	98
96) Benzo(g,h,i)perylene	29.005	276	1811465	32.581	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063334.D
Acq On : 12 Nov 2024 20:35
Operator : RC/JU
Sample : PB164901BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 12 22:41:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS901

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024