Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038698.D
Acq On : 18 Dec 2018 17:20
Operator : JU/SJ
Sample : PB115750BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115750BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:23 PM

Quant Time: Dec 19 07:18:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22482	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	85574	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	57915	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	150495	20.00	ng		0.00
76) Chrysene-d12	21.72	240	149910	20.00	ng		0.00
87) Perylene-d12	25.02	264	162529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	173003	136.49	ng		0.00
7) Phenol-d6	7.21	99	232743	133.75	ng		0.00
23) Nitrobenzene-d5	9.23	82	118101	70.51	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	115262	144.41	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	296574	70.25	ng		0.00
79) Terphenyl-d14	20.04	244	581310	84.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20026	33.946	ng		95
3) Pyridine	3.89	79	54290	33.425	ng		88
4) n-Nitrosodimethylamine	3.82	42	36801	46.242	ng	#	84
6) Aniline	7.38	93	66433	29.907	ng		98
8) 2-Chlorophenol	7.62	128	61362	41.832	ng		96
9) Benzaldehyde	7.20	77	20183	17.880	ng		90
10) Phenol	7.24	94	78560	42.495	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	50814	34.524	ng		98
12) 1,3-Dichlorobenzene	7.94	146	66032	38.072	ng		96
13) 1,4-Dichlorobenzene	8.09	146	66613	37.501	ng		99
14) 1,2-Dichlorobenzene	8.41	146	64010	38.224	ng		98
15) Benzyl Alcohol	8.30	79	55750	41.046	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	115976	34.398	ng		97
17) 2-Methylphenol	8.50	107	52838	42.660	ng		96
18) Hexachloroethane	9.13	117	24511	37.763	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	43353	35.473	ng		98
20) 3+4-Methylphenols	8.82	107	72713	42.508	ng		100
22) Acetophenone	8.89	105	88296	41.309	ng	#	99
24) Nitrobenzene	9.27	77	69038	40.741	ng		99
25) Isophorone	9.79	82	124269	41.291	ng		98
26) 2-Nitrophenol	9.99	139	36145	41.675	ng		92
27) 2,4-Dimethylphenol	10.03	122	61397	49.395	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	70037	41.237	ng		97
29) 2,4-Dichlorophenol	10.52	162	65982	47.716	ng		100
30) 1,2,4-Trichlorobenzene	10.73	180	69346	41.517	ng		97
31) Naphthalene	10.93	128	190874	45.270	ng		98
32) Benzoic acid	10.19	122	25918m	36.040	ng		
33) 4-Chloroaniline	11.04	127	44032	24.054	ng		97
34) Hexachlorobutadiene	11.18	225	45783	40.509	ng		94
35) Caprolactam	11.82	113	22188m	38.772	ng		
36) 4-Chloro-3-methylphenol	12.15	107	69536	44.066	ng		97
37) 2-Methylnaphthalene	12.52	142	143836	47.818	ng		99
38) 1-Methylnaphthalene	12.74	142	136422	46.738	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85675	39.576	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038698.D
Acq On : 18 Dec 2018 17:20
Operator : JU/SJ
Sample : PB115750BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:23 PM

Quant Time: Dec 19 07:18:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	104157	87.574	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	58325	43.818	ng		94
44) 2,4,5-Trichlorophenol	13.21	196	64641	45.867	ng		99
46) 1,1'-Biphenyl	13.53	154	188148	38.752	ng		99
47) 2-Chloronaphthalene	13.58	162	151572	40.416	ng		98
48) 2-Nitroaniline	13.79	65	49492	41.431	ng		95
49) Acenaphthylene	14.42	152	246912	44.039	ng		100
50) Dimethylphthalate	14.15	163	196464	41.540	ng		99
51) 2,6-Dinitrotoluene	14.27	165	44414	41.439	ng		97
52) Acenaphthene	14.76	154	142570	42.526	ng		97
53) 3-Nitroaniline	14.61	138	33540	30.698	ng		90
54) 2,4-Dinitrophenol	14.82	184	43496	68.969	ng		98
55) Dibenzofuran	15.09	168	241323	41.993	ng		98
56) 4-Nitrophenol	14.92	139	67533	81.478	ng		97
57) 2,4-Dinitrotoluene	15.06	165	64626	42.811	ng		96
58) Fluorene	15.74	166	195945	46.021	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57446	45.306	ng		99
60) Diethylphthalate	15.50	149	206931	39.856	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	109344	41.161	ng		100
62) 4-Nitroaniline	15.78	138	47593	42.312	ng		93
63) Azobenzene	16.02	77	177340	40.887	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40069	37.324	ng		97
66) n-Nitrosodiphenylamine	15.94	169	180265	40.767	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	73802	40.154	ng		96
68) Hexachlorobenzene	16.74	284	77046	40.438	ng		99
69) Atrazine	16.89	200	73946	45.061	ng		95
70) Pentachlorophenol	17.09	266	80186	71.154	ng		95
71) Phenanthrene	17.49	178	343539	44.020	ng		99
72) Anthracene	17.58	178	348305	45.209	ng		99
73) Carbazole	17.85	167	306750	40.259	ng		99
74) Di-n-butylphthalate	18.38	149	360066	41.184	ng		99
75) Fluoranthene	19.49	202	427482	44.272	ng		98
77) Benzidine	19.68	184	195995	44.208	ng		98
78) Pyrene	19.86	202	420624	42.472	ng		100
80) Butylbenzylphthalate	20.73	149	162965	42.119	ng		97
81) Benzo(a)anthracene	21.70	228	409878	44.870	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	106034	29.268	ng		99
83) Chrysene	21.77	228	381879	43.402	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	225841	41.155	ng		99
85) Di-n-octyl phthalate	22.80	149	384798	41.870	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	462008	44.664	ng	#	84
88) Benzo(b)fluoranthene	23.96	252	402842	45.144	ng		99
89) Benzo(k)fluoranthene	24.03	252	398524	44.849	ng		97
90) Benzo(a)pyrene	24.86	252	395185	45.905	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	382629	44.639	ng		97
92) Benzo(g,h,i)perylene	29.99	276	379498	44.925	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038698.D
Acq On : 18 Dec 2018 17:20
Operator : JU/SJ
Sample : PB115750BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 07:18:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:23 PM