Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036238.D
Acq On : 9 Aug 2018 18:17
Operator : JU/SJ
Sample : PB111897BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:47 PM

Quant Time: Aug 10 05:07:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41974	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	175713	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	132982	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	364993	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	402108	20.00	ng		-0.01
86) Perylene-d12	24.83	264	380027	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	246128	97.35	ng		0.00
7) Phenol-d6	7.19	99	362135	96.01	ng		0.00
23) Nitrobenzene-d5	9.17	82	235285	55.94	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	178168	101.65	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	554276	55.84	ng		-0.02
78) Terphenyl-d14	19.98	244	1100024	60.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	28056	21.803	ng	#	75
3) Pyridine	3.90	79	76863	22.881	ng	#	77
4) n-Nitrosodimethylamine	3.82	42	38450	26.657	ng	#	90
6) Aniline	7.34	93	111566	22.819	ng		95
8) 2-Chlorophenol	7.58	128	81452	31.677	ng		96
9) Benzaldehyde	7.15	77	47430	20.493	ng		97
10) Phenol	7.21	94	120355	31.582	ng		84
11) bis(2-Chloroethyl)ether	7.43	93	82124	27.517	ng		91
12) 1,3-Dichlorobenzene	7.90	146	92465m	29.778	ng		
13) 1,4-Dichlorobenzene	8.04	146	96476	30.579	ng		87
14) 1,2-Dichlorobenzene	8.36	146	88691	29.263	ng		89
15) Benzyl Alcohol	8.25	79	92339	26.957	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	89394	35.728	ng		77
17) 2-Methylphenol	8.46	107	82242	31.741	ng	#	87
18) Hexachloroethane	9.09	117	37266	30.893	ng		90
19) n-Nitroso-di-n-propylamine	8.82	70	76234	24.000	ng	#	82
20) 3+4-Methylphenols	8.79	107	110188	30.655	ng		89
22) Acetophenone	8.83	105	141281	25.856	ng	#	92
24) Nitrobenzene	9.22	77	121382	28.695	ng		93
25) Isophorone	9.73	82	215448	27.593	ng		99
26) 2-Nitrophenol	9.93	139	50034	33.304	ng	#	89
27) 2,4-Dimethylphenol	9.98	122	86101	33.857	ng		91
28) bis(2-Chloroethoxy)methane	10.21	93	113939	26.482	ng		99
29) 2,4-Dichlorophenol	10.47	162	96308	33.176	ng		89
30) 1,2,4-Trichlorobenzene	10.67	180	104591	29.383	ng		95
31) Naphthalene	10.86	128	256796	28.056	ng		97
32) Benzoic acid	10.17	122	28318m	16.541	ng		
33) 4-Chloroaniline	10.98	127	66951	16.783	ng		96
34) Hexachlorobutadiene	11.14	225	85579	30.831	ng		94
35) Caprolactam	11.76	113	30655m	24.608	ng		
36) 4-Chloro-3-methylphenol	12.10	107	116865	30.034	ng		89
37) 2-Methylnaphthalene	12.46	142	204801	30.033	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	145812	29.051	ng		98
40) Hexachlorocyclopentadiene	12.80	237	166545	63.270	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036238.D
Acq On : 9 Aug 2018 18:17
Operator : JU/SJ
Sample : PB111897BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:47 PM

Quant Time: Aug 10 05:07:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	91134	31.048	ng		99
43) 2,4,5-Trichlorophenol	13.16	196	97849	29.799	ng		94
45) 1,1'-Biphenyl	13.47	154	279045	27.065	ng		98
46) 2-Chloronaphthalene	13.51	162	223159	27.827	ng		98
47) 2-Nitroaniline	13.72	65	76888	27.119	ng		96
48) Acenaphthylene	14.36	152	367147	27.330	ng		97
49) Dimethylphthalate	14.09	163	307538	26.395	ng	#	98
50) 2,6-Dinitrotoluene	14.21	165	71468	30.122	ng		91
51) Acenaphthene	14.70	154	213774	25.546	ng		98
52) 3-Nitroaniline	14.55	138	50606	20.869	ng	#	97
53) 2,4-Dinitrophenol	14.75	184	58191	50.352	ng	#	74
54) Dibenzofuran	15.03	168	369096	27.733	ng		91
55) 4-Nitrophenol	14.87	139	77045	44.613	ng	#	82
56) 2,4-Dinitrotoluene	15.00	165	104689	30.756	ng		89
57) Fluorene	15.68	166	310987	27.880	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	101118	32.118	ng		93
59) Diethylphthalate	15.45	149	309759	25.855	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	179286	27.346	ng		99
61) 4-Nitroaniline	15.71	138	66291	26.133	ng	#	81
62) Azobenzene	15.96	77	314946	26.651	ng		95
64) 4,6-Dinitro-2-methylphenol	15.76	198	57279	28.191	ng		89
65) n-Nitrosodiphenylamine	15.89	169	274746	26.446	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	123419	29.146	ng		93
67) Hexachlorobenzene	16.69	284	125798	28.848	ng		96
68) Atrazine	16.83	200	126410	29.552	ng		95
69) Pentachlorophenol	17.03	266	111446	41.958	ng		95
70) Phenanthrene	17.42	178	501087	27.513	ng		97
71) Anthracene	17.51	178	507441	27.982	ng		97
72) Carbazole	17.79	167	462246	26.840	ng		98
73) Di-n-butylphthalate	18.33	149	534665	26.271	ng	#	97
74) Fluoranthene	19.43	202	675676	27.543	ng		97
76) Benzidine	19.61	184	191891	18.152	ng		97
77) Pyrene	19.79	202	681280	26.795	ng		98
79) Butylbenzylphthalate	20.67	149	250724	27.575	ng	#	97
80) Benzo(a)anthracene	21.62	228	683275	27.267	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	188748	21.603	ng	#	98
82) Chrysene	21.69	228	645591	27.802	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	343612	27.798	ng		97
84) Di-n-octyl phthalate	22.71	149	589967	28.505	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	705433	27.439	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	643740	27.870	ng	#	97
88) Benzo(k)fluoranthene	23.88	252	643918	28.515	ng	#	95
89) Benzo(a)pyrene	24.68	252	622396	28.964	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	574540	27.234	ng	#	93
91) Benzo(g,h,i)perylene	29.59	276	591223	28.639	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036238.D
Acq On : 9 Aug 2018 18:17
Operator : JU/SJ
Sample : PB111897BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 10 05:07:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:47 PM