Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031416.D
Acq On : 8 Dec 2017 10:26
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:16 PM

Quant Time: Dec 08 13:33:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	41845	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	191504	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	141242	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	399450	20.00	ng		0.00
75) Chrysene-d12	21.77	240	449120	20.00	ng		0.00
86) Perylene-d12	25.06	264	441094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	228067	93.46	ng		0.00
7) Phenol-d6	7.30	99	311197	94.66	ng		0.00
23) Nitrobenzene-d5	9.29	82	270489	83.70	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	165202	72.30	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	803541	81.75	ng		0.00
78) Terphenyl-d14	20.08	244	1534949	75.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	30919	31.222	ng		89
3) Pyridine	3.94	79	87624	30.478	ng		95
4) n-Nitrosodimethylamine	3.85	42	51109	37.510	ng	#	82
6) Aniline	7.45	93	51320	11.861	ng		94
8) 2-Chlorophenol	7.69	128	118330	43.940	ng		88
9) Benzaldehyde	7.27	77	39529	17.182	ng		94
10) Phenol	7.32	94	156770	45.918	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	104629	38.381	ng		92
12) 1,3-Dichlorobenzene	8.01	146	122243	38.690	ng		97
13) 1,4-Dichlorobenzene	8.16	146	124184	38.786	ng		97
14) 1,2-Dichlorobenzene	8.48	146	121738	39.614	ng		98
15) Benzyl Alcohol	8.36	79	105091	39.852	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	174170	57.843	ng		93
17) 2-Methylphenol	8.58	107	106661	44.863	ng		97
18) Hexachloroethane	9.21	117	44587	40.012	ng		90
19) n-Nitroso-di-n-propylamine	8.93	70	90600	36.245	ng	#	94
20) 3+4-Methylphenols	8.90	107	147712	43.693	ng		97
22) Acetophenone	8.95	105	167626	35.155	ng	#	93
24) Nitrobenzene	9.34	77	135261	40.972	ng	#	91
25) Isophorone	9.86	82	257340	40.829	ng	#	93
26) 2-Nitrophenol	10.05	139	69657	40.480	ng	#	89
27) 2,4-Dimethylphenol	10.11	122	122381	47.905	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	159888	40.277	ng		97
29) 2,4-Dichlorophenol	10.60	162	138199	45.050	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	143145	39.084	ng		97
31) Naphthalene	10.99	128	367332	39.019	ng		99
32) Benzoic acid	10.26	122	56938	29.265	ng	#	82
33) 4-Chloroaniline	11.11	127	44595	10.821	ng		93
34) Hexachlorobutadiene	11.27	225	95598	37.637	ng		98
35) Caprolactam	11.87	113	57891m	46.196	ng		
36) 4-Chloro-3-methylphenol	12.22	107	150669	45.127	ng	#	86
37) 2-Methylnaphthalene	12.58	142	299264	41.179	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	183804	32.788	ng		96
40) Hexachlorocyclopentadiene	12.92	237	154009	75.044	ng		91

Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031416.D
Acq On : 8 Dec 2017 10:26
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:16 PM

Quant Time: Dec 08 13:33:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	132296	41.282	ng		100
43) 2,4,5-Trichlorophenol	13.28	196	142632	40.679	ng		93
45) 1,1'-Biphenyl	13.58	154	402461	34.362	ng		97
46) 2-Chloronaphthalene	13.63	162	334707	39.608	ng		97
47) 2-Nitroaniline	13.83	65	108820	43.447	ng		89
48) Acenaphthylene	14.47	152	528675	38.224	ng		98
49) Dimethylphthalate	14.20	163	497524	40.739	ng		98
50) 2,6-Dinitrotoluene	14.32	165	112293	44.611	ng	#	81
51) Acenaphthene	14.81	154	333499	38.609	ng		98
52) 3-Nitroaniline	14.66	138	30940	11.576	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	105784	76.654	ng	#	54
54) Dibenzofuran	15.14	168	561780	40.831	ng		98
55) 4-Nitrophenol	14.99	139	165322	86.833	ng	#	88
56) 2,4-Dinitrotoluene	15.12	165	165293	45.423	ng	#	78
57) Fluorene	15.79	166	457240	40.934	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	148837	44.538	ng		93
59) Diethylphthalate	15.55	149	512409	41.307	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	271220	40.203	ng		92
61) 4-Nitroaniline	15.82	138	119695	42.292	ng		92
62) Azobenzene	16.07	77	422282	44.636	ng		97
64) 4,6-Dinitro-2-methylphenol	15.89	198	89045	33.537	ng		82
65) n-Nitrosodiphenylamine	16.00	169	440263	36.372	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	182000	35.974	ng		97
67) Hexachlorobenzene	16.80	284	183242	34.087	ng		97
68) Atrazine	16.94	200	198382	39.723	ng		96
69) Pentachlorophenol	17.15	266	173942	58.536	ng		98
70) Phenanthrene	17.54	178	833617	40.081	ng		99
71) Anthracene	17.62	178	853878	40.973	ng		99
72) Carbazole	17.89	167	790260	40.471	ng		98
73) Di-n-butylphthalate	18.43	149	933906	38.952	ng		99
74) Fluoranthene	19.53	202	1109231	42.123	ng		98
76) Benzidine	19.71	184	235954	16.355	ng		98
77) Pyrene	19.90	202	1128536	42.346	ng		97
79) Butylbenzylphthalate	20.76	149	429231	40.394	ng		85
80) Benzo(a)anthracene	21.74	228	1105964	39.644	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	177611	15.772	ng		98
82) Chrysene	21.81	228	1056508	40.940	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	604345	39.400	ng		99
84) Di-n-octyl phthalate	22.85	149	1027459	41.155	ng		96
85) Indeno(1,2,3-cd)pyrene	28.85	276	1191373	37.975	ng		99
87) Benzo(b)fluoranthene	24.01	252	1078882m	40.435	ng		
88) Benzo(k)fluoranthene	24.08	252	1066649	40.332	ng		99
89) Benzo(a)pyrene	24.91	252	1058223	41.749	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	993551	38.350	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1002205	39.857	ng		97

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

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031416.D
Acq On : 8 Dec 2017 10:26
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:33:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:16 PM