Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032035.D
Acq On : 15 Jan 2018 16:59
Operator : SJ/JU
Sample : PB105614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105614BS

Quant Time: Jan 16 01:28:37 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	48552	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	199160	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	146085	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	403124	20.00	ng		0.00
75) Chrysene-d12	22.48	240	480938	20.00	ng		0.00
86) Perylene-d12	26.20	264	518378	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	347995	131.09	ng		0.00
7) Phenol-d6	7.88	99	443391	132.62	ng		0.00
23) Nitrobenzene-d5	9.97	82	257857	87.59	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	335084	138.62	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	923847	78.41	ng		0.00
78) Terphenyl-d14	20.67	244	1835493	84.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	30525	29.930	ng	#	80
3) Pyridine	4.30	79	88523	32.518	ng	#	82
4) n-Nitrosodimethylamine	4.20	42	44373	46.397	ng	#	89
6) Aniline	8.06	93	83743	19.858	ng		94
8) 2-Chlorophenol	8.32	128	128455	43.243	ng		83
9) Benzaldehyde	7.86	77	16972	8.761	ng		90
10) Phenol	7.90	94	145314	44.122	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	100107	37.940	ng	#	81
12) 1,3-Dichlorobenzene	8.65	146	144854	37.258	ng	#	93
13) 1,4-Dichlorobenzene	8.80	146	142900	36.505	ng		97
14) 1,2-Dichlorobenzene	9.14	146	136977	36.178	ng		97
15) Benzyl Alcohol	9.00	79	105739	43.535	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.30	45	109368	40.786	ng		81
17) 2-Methylphenol	9.20	107	104063	41.345	ng		99
18) Hexachloroethane	9.89	117	47606	39.571	ng	#	80
19) n-Nitroso-di-n-propylamine	9.58	70	83914	40.452	ng	#	86
20) 3+4-Methylphenols	9.53	107	142796	40.953	ng		96
22) Acetophenone	9.61	105	183848	40.639	ng	#	89
24) Nitrobenzene	10.01	77	120194	40.933	ng	#	83
25) Isophorone	10.53	82	232642	42.442	ng	#	84
26) 2-Nitrophenol	10.74	139	73123	42.027	ng	#	84
27) 2,4-Dimethylphenol	10.77	122	137036	49.632	ng		89
28) bis(2-Chloroethoxy)methane	11.01	93	142003	42.998	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	160507	47.244	ng		90
30) 1,2,4-Trichlorobenzene	11.51	180	169629	38.661	ng		96
31) Naphthalene	11.70	128	388627	39.391	ng		98
32) Benzoic acid	10.87	122	64467	31.175	ng	#	78
33) 4-Chloroaniline	11.79	127	82256	19.443	ng	#	89
34) Hexachlorobutadiene	11.97	225	118802	37.698	ng		99
35) Caprolactam	12.55	113	55897	54.233	ng	#	47
36) 4-Chloro-3-methylphenol	12.87	107	151225	48.630	ng	#	79
37) 2-Methylnaphthalene	13.26	142	323871	41.348	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	241342	37.900	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	316645	88.286	ng		92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032035.D
Acq On : 15 Jan 2018 16:59
Operator : SJ/JU
Sample : PB105614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105614BS

Quant Time: Jan 16 01:28:37 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	157402	43.992	ng		97
43) 2,4,5-Trichlorophenol	13.92	196	172980	41.768	ng	#	90
45) 1,1'-Biphenyl	14.24	154	477052	38.093	ng		95
46) 2-Chloronaphthalene	14.29	162	359292	36.879	ng		96
47) 2-Nitroaniline	14.48	65	86766	46.521	ng	#	73
48) Acenaphthylene	15.13	152	557240	37.560	ng		98
49) Dimethylphthalate	14.83	163	507849	39.726	ng	#	98
50) 2,6-Dinitrotoluene	14.96	165	114595	43.187	ng	#	70
51) Acenaphthene	15.47	154	412897	42.089	ng		98
52) 3-Nitroaniline	15.28	138	60490	25.240	ng	#	72
53) 2,4-Dinitrophenol	15.49	184	107175	80.473	ng	#	67
54) Dibenzofuran	15.80	168	600886	41.060	ng		99
55) 4-Nitrophenol	15.57	139	182645	104.576	ng	#	81
56) 2,4-Dinitrotoluene	15.74	165	163654	45.811	ng	#	65
57) Fluorene	16.44	166	487360	40.606	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	190587	49.746	ng	#	85
59) Diethylphthalate	16.18	149	511674	41.287	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	299993	40.746	ng		91
61) 4-Nitroaniline	16.44	138	101874	44.314	ng		90
62) Azobenzene	16.71	77	331398	42.723	ng		85
64) 4,6-Dinitro-2-methylphenol	16.49	198	89170	35.926	ng	#	71
65) n-Nitrosodiphenylamine	16.63	169	466169	38.109	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	225380	39.294	ng		93
67) Hexachlorobenzene	17.43	284	226563	35.703	ng	#	91
68) Atrazine	17.55	200	225851	43.903	ng		97
69) Pentachlorophenol	17.78	266	322572	79.528	ng		99
70) Phenanthrene	18.18	178	873558	38.921	ng		99
71) Anthracene	18.27	178	904425	40.402	ng		98
72) Carbazole	18.52	167	797666	41.076	ng		99
73) Di-n-butylphthalate	19.03	149	921364	40.152	ng		99
74) Fluoranthene	20.14	202	1148696	40.877	ng		95
76) Benzidine	20.30	184	399471	33.216	ng		99
77) Pyrene	20.50	202	1168616	38.653	ng		98
79) Butylbenzylphthalate	21.36	149	411916	38.027	ng	#	76
80) Benzo(a)anthracene	22.45	228	1207790	40.381	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	270507	24.211	ng	#	96
82) Chrysene	22.53	228	1124943	39.163	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	593138	37.340	ng	#	97
84) Di-n-octyl phthalate	23.68	149	1028451	40.765	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.51	276	1433973	40.793	ng	#	87
87) Benzo(b)fluoranthene	25.00	252	1296145	41.367	ng	#	96
88) Benzo(k)fluoranthene	25.08	252	1222257	39.920	ng	#	97
89) Benzo(a)pyrene	26.02	252	1242087	41.906	ng	#	96
90) Dibenzo(a,h)anthracene	30.59	278	1162456	40.699	ng	#	95
91) Benzo(g,h,i)perylene	31.88	276	1218601	41.743	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032035.D
Acq On : 15 Jan 2018 16:59
Operator : SJ/JU
Sample : PB105614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105614BS

Quant Time: Jan 16 01:28:37 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration