Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032805.D
Acq On : 24 Feb 2018 00:35
Operator : SJ/JU
Sample : PB106787BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106787BSD

Quant Time: Feb 24 02:33:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60871	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	265482	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	152723	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	364700	20.00	ng		0.00
75) Chrysene-d12	22.63	240	368858	20.00	ng		0.00
86) Perylene-d12	26.44	264	399531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	366182	96.24	ng		0.00
7) Phenol-d6	8.02	99	481528	90.80	ng		0.00
23) Nitrobenzene-d5	10.12	82	383281	98.42	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	168185	104.73	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	888143	83.87	ng		0.00
78) Terphenyl-d14	20.79	244	1358634	82.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	63308	38.34	ng		88
3) Pyridine	4.42	79	182062	40.00	ng		91
4) n-Nitrosodimethylamine	4.33	42	86846	47.59	ng	#	94
6) Aniline	8.21	93	221518	30.86	ng		96
8) 2-Chlorophenol	8.47	128	198318	47.62	ng		93
9) Benzaldehyde	8.02	77	109313	35.76	ng		92
10) Phenol	8.05	94	253530	47.42	ng		89
11) bis(2-Chloroethyl)ether	8.30	93	180597	41.31	ng		92
12) 1,3-Dichlorobenzene	8.81	146	196228	40.23	ng		96
13) 1,4-Dichlorobenzene	8.97	146	199786	40.69	ng		95
14) 1,2-Dichlorobenzene	9.29	146	188871	40.14	ng		97
15) Benzyl Alcohol	9.15	79	164015	42.07	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.45	45	280675	37.35	ng		95
17) 2-Methylphenol	9.35	107	167934	42.60	ng		93
18) Hexachloroethane	10.05	117	70314	42.06	ng	#	84
19) n-Nitroso-di-n-propylamine	9.74	70	143115	38.22	ng	#	97
20) 3+4-Methylphenols	9.68	107	232660	42.45	ng		95
22) Acetophenone	9.76	105	272051	40.58	ng	#	95
24) Nitrobenzene	10.16	77	194987	46.31	ng		90
25) Isophorone	10.69	82	393293	42.21	ng	#	93
26) 2-Nitrophenol	10.89	139	93577	58.15	ng		90
27) 2,4-Dimethylphenol	10.92	122	209237	51.69	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	243283	44.82	ng	#	96
29) 2,4-Dichlorophenol	11.43	162	177931	48.43	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	174111	40.43	ng		97
31) Naphthalene	11.86	128	582705	42.00	ng		99
32) Benzoic acid	11.03	122	131983	50.92	ng	#	83
33) 4-Chloroaniline	11.95	127	198661	32.03	ng		95
34) Hexachlorobutadiene	12.13	225	92313	38.21	ng		96
35) Caprolactam	12.70	113	79212	53.85	ng	#	83
36) 4-Chloro-3-methylphenol	13.01	107	214394	50.15	ng	#	89
37) 2-Methylnaphthalene	13.41	142	426083	42.45	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	179377	39.57	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	226605	98.08	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	138504	48.44	ng		100
43) 2,4,5-Trichlorophenol	14.06	196	156485	47.29	ng		98
45) 1,1'-Biphenyl	14.38	154	534245	40.03	ng		95
46) 2-Chloronaphthalene	14.43	162	406077	40.73	ng		96
47) 2-Nitroaniline	14.62	65	137305	53.26	ng	#	87
48) Acenaphthylene	15.27	152	674244	41.31	ng		97
49) Dimethylphthalate	14.97	163	541731	41.78	ng		100
50) 2,6-Dinitrotoluene	15.09	165	118019	53.69	ng		87
51) Acenaphthene	15.60	154	459758	45.23	ng		98
52) 3-Nitroaniline	15.42	138	113391	43.54	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	99453	122.21	ng	#	76
54) Dibenzofuran	15.93	168	632064	43.67	ng		95
55) 4-Nitrophenol	15.69	139	241764	110.85	ng	#	81
56) 2,4-Dinitrotoluene	15.87	165	167496	61.76	ng	#	86
57) Fluorene	16.57	166	520187	43.54	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	136630m	53.18	ng		
59) Diethylphthalate	16.31	149	587633	42.96	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	250835	42.92	ng		93
61) 4-Nitroaniline	16.57	138	146493	51.72	ng		82
62) Azobenzene	16.84	77	533798	43.63	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	69803	59.77	ng		96
65) n-Nitrosodiphenylamine	16.76	169	491256	41.41	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	155664	40.37	ng	#	91
67) Hexachlorobenzene	17.57	284	163454	39.22	ng	#	92
68) Atrazine	17.68	200	177294	45.40	ng		97
69) Pentachlorophenol	17.91	266	232891	88.72	ng		99
70) Phenanthrene	18.31	178	869188	42.72	ng		98
71) Anthracene	18.40	178	890009	43.57	ng		99
72) Carbazole	18.65	167	868137	43.12	ng		98
73) Di-n-butylphthalate	19.16	149	1065726	43.15	ng		99
74) Fluoranthene	20.26	202	1020470	45.40	ng		94
76) Benzidine	20.42	184	521158	41.45	ng		98
77) Pyrene	20.61	202	1019764	39.20	ng		98
79) Butylbenzylphthalate	21.49	149	519463	45.04	ng		91
80) Benzo(a)anthracene	22.61	228	1014781	42.90	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	303034	34.59	ng	#	97
82) Chrysene	22.68	228	939420	41.58	ng		97
83) Bis(2-ethylhexyl)phthalate	22.45	149	743372	43.54	ng	#	98
84) Di-n-octyl phthalate	23.88	149	1283889	49.34	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1180727	44.81	ng		98
87) Benzo(b)fluoranthene	25.21	252	1015584	42.99	ng	#	96
88) Benzo(k)fluoranthene	25.30	252	1006566	42.87	ng	#	95
89) Benzo(a)pyrene	26.27	252	997843	44.41	ng	#	96
90) Dibenzo(a,h)anthracene	30.98	278	992982	43.91	ng	#	94
91) Benzo(g,h,i)perylene	32.28	276	981347	44.02	ng	#	90

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

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