Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023082.D
Acq On : 13 Jul 2016 23:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 14 01:04:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	140783	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	623247	20.00	ng		0.01
38) Acenaphthene-d10	14.81	164	451165	20.00	ng		0.01
63) Phenanthrene-d10	17.56	188	1091003	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1147756	20.00	ng		0.02
86) Perylene-d12	25.25	264	1156428	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	680046	79.00	ng		0.00
7) Phenol-d6	7.31	99	1060668	78.67	ng		0.00
23) Nitrobenzene-d5	9.33	82	1172503	80.56	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	562115	69.32	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2228886	77.82	ng		0.01
78) Terphenyl-d14	20.16	244	2963607	80.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	134167	40.10	ng	#	92
3) Pyridine	3.98	79	439572	38.39	ng		96
4) n-Nitrosodimethylamine	3.89	42	204426	41.62	ng	#	98
6) Aniline	7.48	93	734007	39.29	ng		99
8) 2-Chlorophenol	7.72	128	365882	39.94	ng		96
9) Benzaldehyde	7.29	77	335730	37.27	ng		94
10) Phenol	7.34	94	540521	38.97	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	423631	38.53	ng		93
12) 1,3-Dichlorobenzene	8.05	146	441169	39.34	ng		96
13) 1,4-Dichlorobenzene	8.19	146	444950	39.64	ng		97
14) 1,2-Dichlorobenzene	8.52	146	428687	38.41	ng		95
15) Benzyl Alcohol	8.39	79	477154	38.64	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.68	45	537006	39.98	ng		95
17) 2-Methylphenol	8.60	107	341902	37.86	ng		95
18) Hexachloroethane	9.25	117	190942	40.29	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	447095	36.79	ng		95
20) 3+4-Methylphenols	8.93	107	490885	38.98	ng		95
22) Acetophenone	8.99	105	719062	38.44	ng	#	95
24) Nitrobenzene	9.37	77	624112	40.35	ng		93
25) Isophorone	9.90	82	1108220	37.86	ng		98
26) 2-Nitrophenol	10.09	139	244020	40.21	ng		97
27) 2,4-Dimethylphenol	10.14	122	399137	38.05	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	628512	38.50	ng		100
29) 2,4-Dichlorophenol	10.63	162	434060	38.79	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	499759	38.98	ng		96
31) Naphthalene	11.04	128	1258599	39.67	ng		99
32) Benzoic acid	10.31	122	357549	37.46	ng		89
33) 4-Chloroaniline	11.15	127	600630	38.71	ng		99
34) Hexachlorobutadiene	11.31	225	398852	38.38	ng		95
35) Caprolactam	11.93	113	155353	33.75	ng		95
36) 4-Chloro-3-methylphenol	12.26	107	572293	37.40	ng		97
37) 2-Methylnaphthalene	12.63	142	974969	38.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	767712	39.49	ng		99
40) Hexachlorocyclopentadiene	12.98	237	536971	47.98	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	433485	38.79	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	438448	38.21	ng		96
45) 1,1'-Biphenyl	13.64	154	1355707	40.05	ng		95
46) 2-Chloronaphthalene	13.69	162	1125433	40.98	ng		96
47) 2-Nitroaniline	13.89	65	489790	41.80	ng		94
48) Acenaphthylene	14.53	152	1633673	39.66	ng		98
49) Dimethylphthalate	14.26	163	1359667	36.89	ng		97
50) 2,6-Dinitrotoluene	14.38	165	321131	38.77	ng		90
51) Acenaphthene	14.87	154	1054979	39.19	ng		96
52) 3-Nitroaniline	14.71	138	332712	40.29	ng		98
53) 2,4-Dinitrophenol	14.92	184	324855	57.16	ng		94
54) Dibenzofuran	15.21	168	1542077	38.27	ng		98
55) 4-Nitrophenol	15.03	139	255773	36.95	ng		96
56) 2,4-Dinitrotoluene	15.17	165	462012	38.26	ng		93
57) Fluorene	15.85	166	1333072	38.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	415146	36.16	ng		97
59) Diethylphthalate	15.61	149	1390296	37.08	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	781345	36.99	ng		97
61) 4-Nitroaniline	15.88	138	350835	39.26	ng	#	87
62) Azobenzene	16.14	77	1459561	40.69	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	307349	37.90	ng		99
65) n-Nitrosodiphenylamine	16.06	169	1266043	40.28	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	516323	36.37	ng		97
67) Hexachlorobenzene	16.86	284	578423	37.48	ng		97
68) Atrazine	17.01	200	529589	37.98	ng		97
69) Pentachlorophenol	17.21	266	370599	37.08	ng		98
70) Phenanthrene	17.61	178	2058073	38.49	ng		97
71) Anthracene	17.70	178	2118029	39.12	ng		97
72) Carbazole	17.97	167	1826922	39.05	ng		98
73) Di-n-butylphthalate	18.50	149	2167634	41.66	ng		98
74) Fluoranthene	19.61	202	2416389	36.83	ng		96
76) Benzidine	19.79	184	1777492	54.02	ng		96
77) Pyrene	19.97	202	2496234	38.70	ng		96
79) Butylbenzylphthalate	20.84	149	1078719	42.22	ng		96
80) Benzo(a)anthracene	21.85	228	2525583	39.33	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	1097813	38.95	ng	#	97
82) Chrysene	21.92	228	2354578	39.09	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1461207	41.19	ng		98
84) Di-n-octyl phthalate	22.99	149	2468791	41.73	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2752224	35.84	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2649098	39.71	ng	#	96
88) Benzo(k)fluoranthene	24.24	252	2523749	39.86	ng	#	95
89) Benzo(a)pyrene	25.10	252	2529803	39.56	ng	#	97
90) Dibenzo(a,h)anthracene	29.20	278	2366438	37.28	ng	#	97
91) Benzo(g,h,i)perylene	30.35	276	2368360	37.26	ng	#	97

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

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