Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023246.D
Acq On : 23 Jul 2016 11:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 25 01:30:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	106833	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	544685	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	407892	20.00	ng		0.01
63) Phenanthrene-d10	17.58	188	979321	20.00	ng		0.02
75) Chrysene-d12	21.90	240	1049735	20.00	ng		0.02
86) Perylene-d12	25.30	264	1068061	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	622871	95.36	ng		0.00
7) Phenol-d6	7.29	99	947651	92.63	ng		0.00
23) Nitrobenzene-d5	9.32	82	1063953	83.64	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	445831	60.82	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	2032718	78.50	ng		0.01
78) Terphenyl-d14	20.18	244	2760358	82.46	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	105396	41.51	ng		96
3) Pyridine	3.95	79	341195	39.27	ng		93
4) n-Nitrosodimethylamine	3.86	42	177904	47.73	ng	#	97
6) Aniline	7.47	93	391660	27.62	ng		98
8) 2-Chlorophenol	7.70	128	310660	44.69	ng		96
9) Benzaldehyde	7.27	77	276075	40.38	ng		94
10) Phenol	7.32	94	475269	45.15	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	361195	43.29	ng		93
12) 1,3-Dichlorobenzene	8.03	146	358702	42.15	ng		97
13) 1,4-Dichlorobenzene	8.18	146	357440	41.96	ng		98
14) 1,2-Dichlorobenzene	8.50	146	352829	41.66	ng		95
15) Benzyl Alcohol	8.38	79	231863	24.74	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	513215	50.36	ng		94
17) 2-Methylphenol	8.59	107	303195	44.25	ng		94
18) Hexachloroethane	9.23	117	156675	43.57	ng		86
19) n-Nitroso-di-n-propylamine	8.95	70	406590	44.09	ng		96
20) 3+4-Methylphenols	8.92	107	427496	44.73	ng		97
22) Acetophenone	8.97	105	635057	38.85	ng	#	95
24) Nitrobenzene	9.36	77	548372	40.57	ng		92
25) Isophorone	9.89	82	974588	38.09	ng		95
26) 2-Nitrophenol	10.08	139	203662	38.40	ng		94
27) 2,4-Dimethylphenol	10.14	122	349049	38.07	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	553113	38.76	ng		99
29) 2,4-Dichlorophenol	10.63	162	365842	37.41	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	399793	35.68	ng		94
31) Naphthalene	11.03	128	1102045	39.75	ng		99
32) Benzoic acid	10.29	122	253003	30.33	ng		92
33) 4-Chloroaniline	11.18	127	400011	29.50	ng		94
34) Hexachlorobutadiene	11.31	225	294937	32.47	ng		97
35) Caprolactam	11.92	113	146409	36.39	ng	#	83
36) 4-Chloro-3-methylphenol	12.27	107	486936	36.41	ng		93
37) 2-Methylnaphthalene	12.64	142	852105	38.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	598654	34.06	ng		99
40) Hexachlorocyclopentadiene	12.98	237	421940	41.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	351813	34.82	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	358900	34.59	ng		95
45) 1,1'-Biphenyl	13.64	154	1219979	39.86	ng		96
46) 2-Chloronaphthalene	13.69	162	983407	39.61	ng		98
47) 2-Nitroaniline	13.89	65	450053	42.49	ng		96
48) Acenaphthylene	14.53	152	1496074	40.17	ng		98
49) Dimethylphthalate	14.26	163	1238268	37.16	ng		99
50) 2,6-Dinitrotoluene	14.39	165	287606	38.41	ng		88
51) Acenaphthene	14.88	154	953662	39.19	ng		99
52) 3-Nitroaniline	14.72	138	287089	38.45	ng	#	85
53) 2,4-Dinitrophenol	14.93	184	185821	36.17	ng		94
54) Dibenzofuran	15.21	168	1397473	38.36	ng		99
55) 4-Nitrophenol	15.03	139	273583	43.71	ng		89
56) 2,4-Dinitrotoluene	15.17	165	412779	37.81	ng		93
57) Fluorene	15.87	166	1200708	38.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	317068	30.55	ng		90
59) Diethylphthalate	15.62	149	1302558	38.42	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	660025	34.57	ng		98
61) 4-Nitroaniline	15.89	138	340331	42.12	ng	#	82
62) Azobenzene	16.14	77	1404743	43.32	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	284706	39.12	ng		92
65) n-Nitrosodiphenylamine	16.07	169	1129990	40.05	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	435028	34.14	ng		97
67) Hexachlorobenzene	16.88	284	462413	33.38	ng		94
68) Atrazine	17.02	200	397569	31.77	ng		98
69) Pentachlorophenol	17.22	266	366400	40.84	ng		96
70) Phenanthrene	17.62	178	1931128	40.24	ng		97
71) Anthracene	17.71	178	2013213	41.43	ng		98
72) Carbazole	17.98	167	1788221	42.58	ng		99
73) Di-n-butylphthalate	18.52	149	2094981	44.86	ng		99
74) Fluoranthene	19.63	202	2287952	38.85	ng		96
77) Pyrene	19.99	202	2354176	39.91	ng		97
79) Butylbenzylphthalate	20.87	149	1061822	45.44	ng		97
80) Benzo(a)anthracene	21.88	228	2303429	39.22	ng		97
81) 3,3'-Dichlorobenzidine	21.79	252	782305	30.35	ng	#	97
82) Chrysene	21.95	228	2187449	39.70	ng		96
83) Bis(2-ethylhexyl)phthalate	21.76	149	1446979	44.60	ng		99
84) Di-n-octyl phthalate	23.03	149	2497594	46.16	ng		98
85) Indeno(1,2,3-cd)pyrene	29.20	276	2615499	37.23	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2465757	40.02	ng	#	96
88) Benzo(k)fluoranthene	24.29	252	2300967	39.35	ng	#	97
89) Benzo(a)pyrene	25.15	252	2312804	39.15	ng	#	96
90) Dibenzo(a,h)anthracene	29.28	278	2245027	38.29	ng	#	92
91) Benzo(g,h,i)perylene	30.43	276	2286589	38.95	ng	#	93

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

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