Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023139.D
Acq On : 16 Jul 2016 9:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 01:16:12 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	8.15	152	98204	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	464579	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	338120	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	802474	20.00	ng		0.00
75) Chrysene-d12	21.86	240	898272	20.00	ng		0.01
86) Perylene-d12	25.23	264	913686	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	477435	79.51	ng		0.00
7) Phenol-d6	7.30	99	761527	80.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	875248	80.67	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	394948	64.99	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1699331	79.16	ng		0.00
78) Terphenyl-d14	20.15	244	2483417	89.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	93205	39.94	ng		95
3) Pyridine	3.97	79	312475	39.12	ng		96
4) n-Nitrosodimethylamine	3.88	42	142939	41.72	ng	#	96
6) Aniline	7.47	93	515919	39.59	ng		98
8) 2-Chlorophenol	7.72	128	259317	40.58	ng		97
9) Benzaldehyde	7.28	77	246891	39.29	ng		94
10) Phenol	7.33	94	392671	40.58	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	306633	39.98	ng		97
12) 1,3-Dichlorobenzene	8.04	146	308887	39.49	ng		95
13) 1,4-Dichlorobenzene	8.19	146	317819	40.59	ng		95
14) 1,2-Dichlorobenzene	8.51	146	305399	39.23	ng		98
15) Benzyl Alcohol	8.39	79	344367	39.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	390713	41.71	ng		95
17) 2-Methylphenol	8.60	107	250160	39.71	ng		97
18) Hexachloroethane	9.24	117	133043	40.25	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	328542	38.75	ng	#	97
20) 3+4-Methylphenols	8.93	107	362079	41.22	ng		98
22) Acetophenone	8.98	105	525703	37.70	ng	#	95
24) Nitrobenzene	9.37	77	454839	39.45	ng		91
25) Isophorone	9.89	82	801873	36.75	ng		96
26) 2-Nitrophenol	10.08	139	173802	38.42	ng		96
27) 2,4-Dimethylphenol	10.14	122	294461	37.65	ng		87
28) bis(2-Chloroethoxy)methane	10.37	93	467438	38.41	ng		96
29) 2,4-Dichlorophenol	10.62	162	322217	38.63	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	370354	38.75	ng		98
31) Naphthalene	11.03	128	933814	39.49	ng		99
32) Benzoic acid	10.28	122	221476	31.13	ng		94
33) 4-Chloroaniline	11.14	127	440602	38.10	ng		93
34) Hexachlorobutadiene	11.31	225	289501	37.37	ng		96
35) Caprolactam	11.92	113	111764	32.57	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	428875	37.60	ng		98
37) 2-Methylnaphthalene	12.63	142	722799	38.67	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	566496	38.88	ng		99
40) Hexachlorocyclopentadiene	12.97	237	460229	54.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	307358	36.70	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	313386	36.44	ng		96
45) 1,1'-Biphenyl	13.63	154	1028174	40.53	ng		96
46) 2-Chloronaphthalene	13.68	162	839769	40.81	ng		96
47) 2-Nitroaniline	13.88	65	355492	40.48	ng		95
48) Acenaphthylene	14.53	152	1244269	40.30	ng		99
49) Dimethylphthalate	14.24	163	1002359	36.29	ng		98
50) 2,6-Dinitrotoluene	14.37	165	229645	37.00	ng		88
51) Acenaphthene	14.87	154	795995	39.46	ng		99
52) 3-Nitroaniline	14.71	138	240662	38.88	ng	#	94
53) 2,4-Dinitrophenol	14.91	184	160350	37.65	ng		97
54) Dibenzofuran	15.20	168	1172374	38.83	ng		98
55) 4-Nitrophenol	15.02	139	209447	40.37	ng		98
56) 2,4-Dinitrotoluene	15.16	165	332989	36.80	ng		94
57) Fluorene	15.85	166	1015446	39.07	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	296821	34.50	ng		98
59) Diethylphthalate	15.61	149	1044261	37.16	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	581926	36.76	ng		98
61) 4-Nitroaniline	15.87	138	260087	38.83	ng	#	87
62) Azobenzene	16.13	77	1122153	41.75	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	199977	33.53	ng		97
65) n-Nitrosodiphenylamine	16.05	169	938646	40.60	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	383784	36.76	ng		95
67) Hexachlorobenzene	16.85	284	423256	37.28	ng		99
68) Atrazine	17.00	200	393152	38.34	ng		99
69) Pentachlorophenol	17.20	266	297701	40.50	ng		96
70) Phenanthrene	17.60	178	1601911	40.73	ng		98
71) Anthracene	17.69	178	1642196	41.24	ng		99
72) Carbazole	17.96	167	1461254	42.47	ng		99
73) Di-n-butylphthalate	18.50	149	1725764	45.10	ng		98
74) Fluoranthene	19.60	202	1963458	40.68	ng		98
76) Benzidine	19.78	184	934664	36.29	ng		99
77) Pyrene	19.97	202	2028751	40.19	ng		98
79) Butylbenzylphthalate	20.84	149	856629	42.84	ng		98
80) Benzo(a)anthracene	21.84	228	2050584	40.80	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	844960	38.30	ng	#	96
82) Chrysene	21.90	228	1925736	40.85	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1186138	42.72	ng		99
84) Di-n-octyl phthalate	22.98	149	2013495	43.49	ng		99
85) Indeno(1,2,3-cd)pyrene	29.08	276	2099498	34.93	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2092980	39.70	ng	#	99
88) Benzo(k)fluoranthene	24.23	252	2068439	41.35	ng	#	99
89) Benzo(a)pyrene	25.07	252	2030004	40.17	ng	#	98
90) Dibenzo(a,h)anthracene	29.16	278	1864727	37.18	ng	#	95
91) Benzo(g,h,i)perylene	30.30	276	1731741	34.48	ng	#	96

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

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