Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023125.D
Acq On : 15 Jul 2016 22:53
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 16 01:16:34 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	123046	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	551066	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	395069	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	931290	20.00	ng		0.00
75) Chrysene-d12	21.86	240	999271	20.00	ng		0.02
86) Perylene-d12	25.23	264	1013042	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	565015	75.10	ng		0.00
7) Phenol-d6	7.31	99	887867	75.35	ng		0.00
23) Nitrobenzene-d5	9.32	82	1005361	78.12	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	436001	61.41	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1925436	76.77	ng		0.00
78) Terphenyl-d14	20.15	244	2610238	81.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	106659	36.47	ng	#	92
3) Pyridine	3.97	79	386076	38.58	ng		96
4) n-Nitrosodimethylamine	3.89	42	164567	38.33	ng	#	98
6) Aniline	7.47	93	606065	37.11	ng		98
8) 2-Chlorophenol	7.71	128	307406	38.40	ng		99
9) Benzaldehyde	7.29	77	287495	36.51	ng		94
10) Phenol	7.33	94	467469	38.56	ng		89
11) bis(2-Chloroethyl)ether	7.56	93	352844	36.72	ng		93
12) 1,3-Dichlorobenzene	8.04	146	354483	36.17	ng		93
13) 1,4-Dichlorobenzene	8.18	146	361216	36.82	ng		94
14) 1,2-Dichlorobenzene	8.51	146	358401	36.74	ng		98
15) Benzyl Alcohol	8.39	79	389589	36.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	467118	39.79	ng		94
17) 2-Methylphenol	8.60	107	289749	36.71	ng		93
18) Hexachloroethane	9.24	117	153782	37.13	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	379826	35.76	ng		95
20) 3+4-Methylphenols	8.93	107	407862	37.06	ng		98
22) Acetophenone	8.98	105	617230	37.32	ng	#	94
24) Nitrobenzene	9.37	77	531087	38.84	ng		95
25) Isophorone	9.89	82	925921	35.77	ng		97
26) 2-Nitrophenol	10.08	139	203805	37.98	ng		92
27) 2,4-Dimethylphenol	10.14	122	333266	35.93	ng		87
28) bis(2-Chloroethoxy)methane	10.37	93	540007	37.41	ng		100
29) 2,4-Dichlorophenol	10.62	162	372436	37.65	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	424213	37.42	ng		99
31) Naphthalene	11.03	128	1060825	37.82	ng		100
32) Benzoic acid	10.28	122	249407	29.56	ng		96
33) 4-Chloroaniline	11.13	127	500150	36.46	ng		94
34) Hexachlorobutadiene	11.31	225	340179	37.02	ng		97
35) Caprolactam	11.92	113	129410	31.80	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	477228	35.27	ng		98
37) 2-Methylnaphthalene	12.63	142	813329	36.68	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	651315	38.26	ng		99
40) Hexachlorocyclopentadiene	12.97	237	343542	35.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	348039	35.57	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	358132	35.64	ng		93
45) 1,1'-Biphenyl	13.63	154	1161849	39.20	ng		94
46) 2-Chloronaphthalene	13.68	162	959213	39.89	ng		98
47) 2-Nitroaniline	13.88	65	407165	39.68	ng		95
48) Acenaphthylene	14.52	152	1395917	38.70	ng		97
49) Dimethylphthalate	14.25	163	1151270	35.67	ng		98
50) 2,6-Dinitrotoluene	14.37	165	261910	36.11	ng		89
51) Acenaphthene	14.87	154	892997	37.89	ng		97
52) 3-Nitroaniline	14.71	138	262974	36.36	ng		89
53) 2,4-Dinitrophenol	14.91	184	128284	25.78	ng		92
54) Dibenzofuran	15.20	168	1313005	37.21	ng		96
55) 4-Nitrophenol	15.02	139	201108	33.17	ng		93
56) 2,4-Dinitrotoluene	15.16	165	372814	35.26	ng	#	99
57) Fluorene	15.85	166	1116683	36.77	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	338669	33.69	ng		98
59) Diethylphthalate	15.60	149	1160606	35.35	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	644031	34.82	ng		98
61) 4-Nitroaniline	15.88	138	283241	36.19	ng	#	86
62) Azobenzene	16.13	77	1231273	39.20	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	227497	32.87	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1034170	38.54	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	432487	35.69	ng		98
67) Hexachlorobenzene	16.86	284	464477	35.26	ng		97
68) Atrazine	17.00	200	422520	35.50	ng		97
69) Pentachlorophenol	17.20	266	307269	36.02	ng		98
70) Phenanthrene	17.60	178	1743617	38.20	ng		98
71) Anthracene	17.69	178	1776927	38.45	ng		100
72) Carbazole	17.96	167	1537048	38.49	ng		99
73) Di-n-butylphthalate	18.50	149	1844942	41.54	ng		99
74) Fluoranthene	19.60	202	2072313	37.00	ng		99
76) Benzidine	19.78	184	970350	33.87	ng		100
77) Pyrene	19.97	202	2136926	38.05	ng		99
79) Butylbenzylphthalate	20.83	149	921501	41.43	ng		96
80) Benzo(a)anthracene	21.84	228	2147895	38.42	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	883155	35.99	ng	#	94
82) Chrysene	21.91	228	2013665	38.40	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1252574	40.56	ng		99
84) Di-n-octyl phthalate	22.98	149	2134355	41.44	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2208152	33.02	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2238722	38.30	ng	#	97
88) Benzo(k)fluoranthene	24.23	252	2141066	38.60	ng	#	97
89) Benzo(a)pyrene	25.07	252	2136608	38.14	ng	#	99
90) Dibenzo(a,h)anthracene	29.16	278	1957520	35.20	ng	#	97
91) Benzo(g,h,i)perylene	30.30	276	1814548	32.58	ng	#	95

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

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