Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023183.D
Acq On : 19 Jul 2016 19:33
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 20 01:12:03 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	123586	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	600421	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	441531	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	991393	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1016767	20.00	ng		0.00
86) Perylene-d12	25.27	264	1004776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	578069	76.50	ng		0.00
7) Phenol-d6	7.30	99	928893	78.49	ng		0.00
23) Nitrobenzene-d5	9.32	82	1087339	77.54	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	441404	55.62	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	2082444	74.29	ng		0.00
78) Terphenyl-d14	20.16	244	2704758	84.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	109679	37.34	ng		95
3) Pyridine	3.95	79	390155	38.82	ng		94
4) n-Nitrosodimethylamine	3.86	42	172859	40.09	ng	#	86
6) Aniline	7.46	93	657852	40.11	ng		97
8) 2-Chlorophenol	7.70	128	335085	41.67	ng		99
9) Benzaldehyde	7.27	77	272028	34.40	ng		89
10) Phenol	7.32	94	504098	41.40	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	380042	39.38	ng		94
12) 1,3-Dichlorobenzene	8.03	146	366671	37.25	ng		99
13) 1,4-Dichlorobenzene	8.18	146	376962	38.25	ng		98
14) 1,2-Dichlorobenzene	8.50	146	364070	37.16	ng		96
15) Benzyl Alcohol	8.38	79	464505	42.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	509358	43.20	ng		95
17) 2-Methylphenol	8.58	107	327396	41.30	ng		95
18) Hexachloroethane	9.23	117	160860	38.67	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	412879	38.70	ng		96
20) 3+4-Methylphenols	8.92	107	481858	43.59	ng		95
22) Acetophenone	8.97	105	669386	37.15	ng	#	94
24) Nitrobenzene	9.36	77	591846	39.72	ng		93
25) Isophorone	9.88	82	1077241	38.20	ng		97
26) 2-Nitrophenol	10.08	139	225615	38.59	ng		90
27) 2,4-Dimethylphenol	10.14	122	386206	38.21	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	605186	38.48	ng		99
29) 2,4-Dichlorophenol	10.62	162	429304	39.83	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	449140	36.36	ng		98
31) Naphthalene	11.02	128	1180932	38.64	ng		100
32) Benzoic acid	10.27	122	249438	27.13	ng	#	86
33) 4-Chloroaniline	11.13	127	570756	38.19	ng		99
34) Hexachlorobutadiene	11.30	225	327101	32.67	ng		94
35) Caprolactam	11.92	113	151140	34.08	ng	#	82
36) 4-Chloro-3-methylphenol	12.25	107	540843	36.69	ng		97
37) 2-Methylnaphthalene	12.63	142	941995	38.99	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	563401	29.61	ng		99
40) Hexachlorocyclopentadiene	12.97	237	304327	27.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	399749	36.55	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	413474	36.82	ng		95
45) 1,1'-Biphenyl	13.63	154	1266690	38.24	ng		97
46) 2-Chloronaphthalene	13.68	162	1056446	39.31	ng		97
47) 2-Nitroaniline	13.88	65	444546	38.77	ng		93
48) Acenaphthylene	14.52	152	1552812	38.52	ng		99
49) Dimethylphthalate	14.25	163	1322593	36.67	ng		98
50) 2,6-Dinitrotoluene	14.37	165	308429	38.05	ng		90
51) Acenaphthene	14.86	154	1012592	38.44	ng		99
52) 3-Nitroaniline	14.71	138	306304	37.90	ng		95
53) 2,4-Dinitrophenol	14.91	184	135366	24.34	ng		99
54) Dibenzofuran	15.20	168	1602712	40.65	ng		100
55) 4-Nitrophenol	15.02	139	216076	31.89	ng		91
56) 2,4-Dinitrotoluene	15.16	165	442761	37.47	ng		91
57) Fluorene	15.85	166	1290820	38.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	399433	35.55	ng		95
59) Diethylphthalate	15.61	149	1365137	37.20	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	721275	34.90	ng		99
61) 4-Nitroaniline	15.88	138	317802	36.34	ng	#	77
62) Azobenzene	16.13	77	1585203	45.16	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	245481	33.32	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1177232	41.22	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	465813	36.11	ng		98
67) Hexachlorobenzene	16.86	284	475393	33.90	ng		97
68) Atrazine	17.00	200	469286	37.04	ng		97
69) Pentachlorophenol	17.21	266	270474	29.78	ng		98
70) Phenanthrene	17.60	178	1949217	40.12	ng		96
71) Anthracene	17.69	178	2011874	40.89	ng		96
72) Carbazole	17.97	167	1765862	41.54	ng		98
73) Di-n-butylphthalate	18.50	149	2109838	44.63	ng		99
74) Fluoranthene	19.61	202	2210265	37.07	ng		96
76) Benzidine	19.79	184	778686	26.71	ng		99
77) Pyrene	19.97	202	2260731	39.57	ng		99
79) Butylbenzylphthalate	20.85	149	1055555	46.64	ng		99
80) Benzo(a)anthracene	21.86	228	2298762	40.41	ng		100
81) 3,3'-Dichlorobenzidine	21.76	252	884163	35.41	ng	#	97
82) Chrysene	21.93	228	2135628	40.02	ng		95
83) Bis(2-ethylhexyl)phthalate	21.73	149	1461313	46.50	ng		99
84) Di-n-octyl phthalate	23.00	149	2401095	45.82	ng		99
85) Indeno(1,2,3-cd)pyrene	29.15	276	2259725	33.21	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2319614	40.01	ng	#	96
88) Benzo(k)fluoranthene	24.26	252	2315159	42.08	ng	#	97
89) Benzo(a)pyrene	25.11	252	2311039	41.59	ng	#	97
90) Dibenzo(a,h)anthracene	29.22	278	1925881	34.92	ng	#	92
91) Benzo(g,h,i)perylene	30.37	276	1752968	31.74	ng	#	93

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

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