Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023109.D
Acq On : 14 Jul 2016 20:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 15 00:51:51 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	214617	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	968054	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	695168	20.00	ng		0.01
63) Phenanthrene-d10	17.56	188	1614550	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1759326	20.00	ng		0.02
86) Perylene-d12	25.24	264	1841960	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	1021976	77.88	ng		0.00
7) Phenol-d6	7.32	99	1587870	77.26	ng		0.01
23) Nitrobenzene-d5	9.33	82	1784697	78.94	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	852904	68.27	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	3101226	70.27	ng		0.01
78) Terphenyl-d14	20.16	244	3819042	61.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	185833	36.43	ng		93
3) Pyridine	3.98	79	670500	38.41	ng		97
4) n-Nitrosodimethylamine	3.89	42	319277	42.64	ng	#	94
6) Aniline	7.48	93	1114293	39.12	ng		98
8) 2-Chlorophenol	7.72	128	562732	40.30	ng		99
9) Benzaldehyde	7.29	77	489690	35.66	ng		95
10) Phenol	7.35	94	851934	40.29	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	638731	38.11	ng		90
12) 1,3-Dichlorobenzene	8.05	146	677750	39.65	ng		98
13) 1,4-Dichlorobenzene	8.19	146	672593	39.30	ng		97
14) 1,2-Dichlorobenzene	8.52	146	661233	38.87	ng		99
15) Benzyl Alcohol	8.40	79	755585	40.14	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	847218	41.38	ng		93
17) 2-Methylphenol	8.60	107	532288	38.67	ng		97
18) Hexachloroethane	9.25	117	286645	39.68	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	700962	37.83	ng		99
20) 3+4-Methylphenols	8.93	107	755566	39.36	ng		98
22) Acetophenone	8.99	105	1146373	39.46	ng		97
24) Nitrobenzene	9.38	77	971579	40.44	ng		94
25) Isophorone	9.90	82	1652138	36.33	ng		96
26) 2-Nitrophenol	10.09	139	382640	40.59	ng		93
27) 2,4-Dimethylphenol	10.14	122	614192	37.69	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	965590	38.08	ng		97
29) 2,4-Dichlorophenol	10.63	162	674588	38.82	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	765958	38.46	ng		99
31) Naphthalene	11.04	128	1882510	38.20	ng		97
32) Benzoic acid	10.34	122	568599	38.36	ng		89
33) 4-Chloroaniline	11.15	127	934243	38.77	ng		98
34) Hexachlorobutadiene	11.31	225	622063	38.53	ng		96
35) Caprolactam	11.95	113	238407	33.34	ng		98
36) 4-Chloro-3-methylphenol	12.27	107	878334	36.95	ng		94
37) 2-Methylnaphthalene	12.63	142	1462307	37.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1166671	38.94	ng		98
40) Hexachlorocyclopentadiene	12.98	237	833779	48.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	663550	38.54	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	673725	38.10	ng		94
45) 1,1'-Biphenyl	13.63	154	2009629	38.53	ng		94
46) 2-Chloronaphthalene	13.69	162	1668852	39.44	ng		95
47) 2-Nitroaniline	13.89	65	755771	41.86	ng		95
48) Acenaphthylene	14.53	152	2354963	37.10	ng	#	92
49) Dimethylphthalate	14.26	163	2012765	35.44	ng		96
50) 2,6-Dinitrotoluene	14.38	165	490655	38.45	ng		90
51) Acenaphthene	14.87	154	1587183	38.27	ng		98
52) 3-Nitroaniline	14.72	138	500365	39.32	ng		90
53) 2,4-Dinitrophenol	14.92	184	474451	54.18	ng		97
54) Dibenzofuran	15.20	168	2247232	36.20	ng		96
55) 4-Nitrophenol	15.03	139	392168	36.76	ng		95
56) 2,4-Dinitrotoluene	15.17	165	694343	37.32	ng		96
57) Fluorene	15.85	166	1933242	36.18	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	636342	35.97	ng		97
59) Diethylphthalate	15.61	149	2038698	35.28	ng		92
60) 4-Chlorophenyl-phenylether	15.84	204	1170662	35.97	ng		97
61) 4-Nitroaniline	15.89	138	544826	39.57	ng	#	85
62) Azobenzene	16.13	77	2107304	38.13	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	473877	39.49	ng		94
65) n-Nitrosodiphenylamine	16.06	169	1811427	38.94	ng		92
66) 4-Bromophenyl-phenylether	16.74	248	798276	38.00	ng		98
67) Hexachlorobenzene	16.86	284	875427	38.33	ng		98
68) Atrazine	17.01	200	804659	39.00	ng		94
69) Pentachlorophenol	17.21	266	576633	38.99	ng		98
70) Phenanthrene	17.60	178	2858948	36.13	ng	#	89
71) Anthracene	17.69	178	2919104	36.43	ng	#	90
72) Carbazole	17.96	167	2639901	38.13	ng	#	93
73) Di-n-butylphthalate	18.50	149	2919588	37.92	ng	#	93
74) Fluoranthene	19.60	202	3304374	34.03	ng		87
76) Benzidine	19.78	184	2459690	48.77	ng	#	92
77) Pyrene	19.97	202	3360645	33.99	ng	#	85
79) Butylbenzylphthalate	20.84	149	1612013	41.17	ng		97
80) Benzo(a)anthracene	21.85	228	3640601	36.99	ng		92
81) 3,3'-Dichlorobenzidine	21.75	252	1663121	38.49	ng	#	95
82) Chrysene	21.92	228	3321959	35.98	ng	#	84
83) Bis(2-ethylhexyl)phthalate	21.72	149	2174926	40.00	ng		95
84) Di-n-octyl phthalate	22.99	149	3580041	39.48	ng		97
85) Indeno(1,2,3-cd)pyrene	29.11	276	4373056	37.15	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	3989858	37.54	ng	#	93
88) Benzo(k)fluoranthene	24.24	252	3788007	37.56	ng	#	91
89) Benzo(a)pyrene	25.09	252	3890017	38.19	ng	#	95
90) Dibenzo(a,h)anthracene	29.19	278	3758636	37.18	ng	#	91
91) Benzo(g,h,i)perylene	30.34	276	3640797	35.96	ng	#	94

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

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