Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023119.D
Acq On : 15 Jul 2016 18:49
Operator : UM/SJ
Sample : H4017-17MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9MSD

Quant Time: Jul 15 23:09:23 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	95069	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	465122	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	361231	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	839963	20.00	ng		0.00
75) Chrysene-d12	21.86	240	897572	20.00	ng		0.00
86) Perylene-d12	25.22	264	914264	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	758078	130.41	ng		0.00
7) Phenol-d6	7.31	99	1234145	135.56	ng		0.00
23) Nitrobenzene-d5	9.33	82	887383	81.69	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	623702	96.07	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1802701	78.61	ng		0.00
78) Terphenyl-d14	20.15	244	2489895	89.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	73403	32.49	ng		93
3) Pyridine	3.97	79	175612	22.71	ng		96
4) n-Nitrosodimethylamine	3.88	42	125467	37.83	ng	#	83
6) Aniline	7.47	93	389588	30.88	ng		97
8) 2-Chlorophenol	7.71	128	272234	44.01	ng		99
9) Benzaldehyde	7.29	77	134551	22.12	ng		92
10) Phenol	7.34	94	445371	47.55	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	288211	38.82	ng		95
12) 1,3-Dichlorobenzene	8.04	146	270237	35.69	ng		97
13) 1,4-Dichlorobenzene	8.19	146	278652	36.76	ng		92
14) 1,2-Dichlorobenzene	8.51	146	272254	36.13	ng		98
15) Benzyl Alcohol	8.40	79	377384	45.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	360305	39.73	ng		92
17) 2-Methylphenol	8.60	107	276320	45.31	ng		93
18) Hexachloroethane	9.24	117	119000	37.19	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	319404	38.92	ng	#	94
20) 3+4-Methylphenols	8.92	107	387886	45.61	ng		96
22) Acetophenone	8.98	105	502227	35.98	ng	#	94
24) Nitrobenzene	9.37	77	459140	39.78	ng		95
25) Isophorone	9.89	82	826340	37.82	ng		98
26) 2-Nitrophenol	10.09	139	176834	39.04	ng		89
27) 2,4-Dimethylphenol	10.14	122	299395	38.24	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	468773	38.47	ng		99
29) 2,4-Dichlorophenol	10.63	162	351346	42.08	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	351357	36.72	ng		97
31) Naphthalene	11.03	128	891907	37.67	ng		99
32) Benzoic acid	10.21	122	26431	3.71	ng		92
33) 4-Chloroaniline	11.14	127	307175	26.53	ng		98
34) Hexachlorobutadiene	11.31	225	263621	33.99	ng		97
35) Caprolactam	11.91	113	112269	32.68	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	440502	38.57	ng		96
37) 2-Methylnaphthalene	12.63	142	733787	39.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	471734	30.30	ng		100
40) Hexachlorocyclopentadiene	12.97	237	572983	63.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	337075	37.67	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	342102	37.23	ng		98
45) 1,1'-Biphenyl	13.63	154	1022130	37.71	ng		96
46) 2-Chloronaphthalene	13.68	162	852767	38.79	ng		95
47) 2-Nitroaniline	13.88	65	368729	39.30	ng		98
48) Acenaphthylene	14.52	152	1265939	38.38	ng		100
49) Dimethylphthalate	14.25	163	1786921	60.56	ng	#	96
50) 2,6-Dinitrotoluene	14.38	165	256043	38.61	ng		84
51) Acenaphthene	14.86	154	817791	37.94	ng		98
52) 3-Nitroaniline	14.71	138	207782	31.42	ng		93
53) 2,4-Dinitrophenol	14.91	184	205589	45.18	ng		95
54) Dibenzofuran	15.20	168	1341490	41.58	ng		100
55) 4-Nitrophenol	15.02	139	375710	67.78	ng		95
56) 2,4-Dinitrotoluene	15.16	165	362287	37.47	ng		98
57) Fluorene	15.85	166	1069339	38.51	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	345644	37.60	ng		97
59) Diethylphthalate	15.60	149	1167375	38.88	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	618592	36.58	ng		97
61) 4-Nitroaniline	15.87	138	243685	34.06	ng	#	86
62) Azobenzene	16.13	77	1305765	45.47	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	203844	32.65	ng		89
65) n-Nitrosodiphenylamine	16.05	169	988179	40.83	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	413563	37.84	ng		97
67) Hexachlorobenzene	16.86	284	421140	35.44	ng		99
68) Atrazine	17.00	200	412802	38.46	ng		96
69) Pentachlorophenol	17.20	266	493307	64.11	ng		98
70) Phenanthrene	17.60	178	1665466	40.46	ng		99
71) Anthracene	17.68	178	1695199	40.67	ng		99
72) Carbazole	17.96	167	1481887	41.14	ng		97
73) Di-n-butylphthalate	18.50	149	1776248	44.35	ng		99
74) Fluoranthene	19.60	202	1935567	38.32	ng		99
76) Benzidine	19.78	184	966678	37.57	ng		100
77) Pyrene	19.96	202	1951821	38.70	ng		99
79) Butylbenzylphthalate	20.83	149	872121	43.65	ng		99
80) Benzo(a)anthracene	21.84	228	2025412	40.33	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	644541	29.24	ng		97
82) Chrysene	21.91	228	1910570	40.56	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1191764	42.96	ng		98
84) Di-n-octyl phthalate	22.98	149	2004799	43.33	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2176029	36.23	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	2120344	40.20	ng		97
88) Benzo(k)fluoranthene	24.23	252	2023813	40.43	ng	#	98
89) Benzo(a)pyrene	25.07	252	2055766	40.66	ng	#	98
90) Dibenzo(a,h)anthracene	29.15	278	1827488	36.42	ng	#	94
91) Benzo(g,h,i)perylene	30.30	276	1783095	35.48	ng	#	95

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

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