Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022910.D
Acq On : 8 Jul 2016 00:43
Operator : UM/SJ
Sample : H3834-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-3MSD

Manual Integrations
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Quant Time: Jul 08 05:30:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	111753	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	530312	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	398531	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	964722	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1029727	20.00	ng		0.00
86) Perylene-d12	25.20	264	1071573	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	505250	73.94	ng		0.00
7) Phenol-d6	7.31	99	575646	53.79	ng		0.00
23) Nitrobenzene-d5	9.33	82	1063674	85.88	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	901829	125.91	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2149340	84.95	ng		0.00
78) Terphenyl-d14	20.15	244	2962496	95.73	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	92200	10.14	ng		95
4) n-Nitrosodimethylamine	3.89	42	73837	18.94	ng	#	94
6) Aniline	7.47	93	288640	19.46	ng		95
8) 2-Chlorophenol	7.71	128	290949	40.01	ng		98
9) Benzaldehyde	7.29	77	310875	43.47	ng		95
10) Phenol	7.33	94	205965	18.70	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	354635	40.63	ng		97
12) 1,3-Dichlorobenzene	8.04	146	288037	32.36	ng		96
13) 1,4-Dichlorobenzene	8.19	146	291785	32.75	ng		92
14) 1,2-Dichlorobenzene	8.51	146	287499	32.45	ng		96
15) Benzyl Alcohol	8.39	79	320930	32.74	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	413752	38.81	ng		95
17) 2-Methylphenol	8.60	107	266340	37.16	ng		96
18) Hexachloroethane	9.24	117	120257	31.97	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	396314	41.08	ng		98
20) 3+4-Methylphenols	8.92	107	339890	34.00	ng		97
22) Acetophenone	8.98	105	626859	39.39	ng	#	93
24) Nitrobenzene	9.37	77	563173	42.79	ng		91
25) Isophorone	9.89	82	1068129	42.88	ng		97
26) 2-Nitrophenol	10.08	139	215014	41.64	ng		88
27) 2,4-Dimethylphenol	10.14	122	352845	39.53	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	579327	41.70	ng		100
29) 2,4-Dichlorophenol	10.63	162	419774	44.09	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	385272	35.32	ng		96
31) Naphthalene	11.03	128	1025560	37.99	ng		100
32) Benzoic acid	10.23	122	105969	13.05	ng		94
33) 4-Chloroaniline	11.14	127	316431	23.97	ng		97
34) Hexachlorobutadiene	11.31	225	290301	32.83	ng		93
35) Caprolactam	11.92	113	31206m	7.97	ng		
36) 4-Chloro-3-methylphenol	12.26	107	510245	39.19	ng		97
37) 2-Methylnaphthalene	12.63	142	877214	41.11	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	596534	34.73	ng		98
40) Hexachlorocyclopentadiene	12.97	237	722712	73.10	ng		99
42) 2,4,6-Trichlorophenol	13.23	196	433640	43.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	462095	45.59	ng		93
45) 1,1'-Biphenyl	13.63	154	1248966	41.77	ng		97
46) 2-Chloronaphthalene	13.68	162	1019813	42.04	ng		96
47) 2-Nitroaniline	13.88	65	411633	39.77	ng		92
48) Acenaphthylene	14.52	152	1510891	41.52	ng		98
49) Dimethylphthalate	14.25	163	1450672	44.56	ng		98
50) 2,6-Dinitrotoluene	14.37	165	340739	46.57	ng		88
51) Acenaphthene	14.86	154	1359510m	57.18	ng		
52) 3-Nitroaniline	14.71	138	225874	30.96	ng		91
53) 2,4-Dinitrophenol	14.91	184	454760	90.59	ng		95
54) Dibenzofuran	15.20	168	1640697	46.10	ng		98
55) 4-Nitrophenol	15.01	139	235358	38.49	ng		96
56) 2,4-Dinitrotoluene	15.16	165	487594	45.71	ng	#	93
57) Fluorene	15.85	166	1379084	45.02	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.42	232	489921m	48.31	ng		
59) Diethylphthalate	15.60	149	1501039	45.32	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	810180	43.43	ng		96
61) 4-Nitroaniline	15.88	138	275082	34.85	ng	#	78
62) Azobenzene	16.13	77	1556136	49.12	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	327414	45.66	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1247139	44.87	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	573899	45.72	ng		95
67) Hexachlorobenzene	16.86	284	605641	44.38	ng		98
68) Atrazine	17.00	200	535322	43.42	ng		99
69) Pentachlorophenol	17.20	266	775238	87.72	ng		99
70) Phenanthrene	17.60	178	2153465	45.55	ng		96
71) Anthracene	17.69	178	2187474	45.69	ng		96
72) Carbazole	17.97	167	1896605	45.85	ng		99
73) Di-n-butylphthalate	18.50	149	2207311	47.98	ng		99
74) Fluoranthene	19.61	202	2473010	42.62	ng		97
76) Benzidine	19.78	184	142255	4.82	ng		96
77) Pyrene	19.96	202	2489558	43.02	ng		97
79) Butylbenzylphthalate	20.83	149	1084482	47.32	ng		94
80) Benzo(a)anthracene	21.83	228	2625872	45.58	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	669244	26.46	ng		100
82) Chrysene	21.90	228	2439555	45.14	ng		95
83) Bis(2-ethylhexyl)phthalate	21.71	149	1454604	45.70	ng		97
84) Di-n-octyl phthalate	22.96	149	2402338	45.26	ng		99
85) Indeno(1,2,3-cd)pyrene	29.04	276	3262249	47.34	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2835031	45.86	ng	#	96
88) Benzo(k)fluoranthene	24.20	252	2659361	45.33	ng	#	94
89) Benzo(a)pyrene	25.05	252	2705291	45.65	ng	#	99
90) Dibenzo(a,h)anthracene	29.11	278	2758019	46.89	ng	#	94
91) Benzo(g,h,i)perylene	30.25	276	2739035	46.50	ng	#	94

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

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