Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024567.D
Acq On : 31 Oct 2016 22:01
Operator : UM/SJ
Sample : H5477-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-5MSD

Quant Time: Nov 01 11:58:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125996	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	485499	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	360786	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	772237	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1047850	20.00	ng		0.00
86) Perylene-d12	25.36	264	1162190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	587906	76.48	ng		0.00
7) Phenol-d6	7.41	99	589394	55.89	ng		0.00
23) Nitrobenzene-d5	9.44	82	957665	89.81	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	700694	130.00	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1901724	87.61	ng		0.00
78) Terphenyl-d14	20.21	244	2963936	84.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	68953	21.96	ng		99
3) Pyridine	4.07	79	167769	17.84	ng		92
4) n-Nitrosodimethylamine	3.99	42	109477	22.49	ng	#	96
6) Aniline	7.59	93	268948	20.13	ng		97
8) 2-Chlorophenol	7.83	128	315328	40.34	ng		92
9) Benzaldehyde	7.40	77	78504	12.05	ng		92
10) Phenol	7.43	94	238492	21.94	ng		93
11) bis(2-Chloroethyl)ether	7.68	93	357350	43.76	ng		91
12) 1,3-Dichlorobenzene	8.16	146	360176	37.22	ng		94
13) 1,4-Dichlorobenzene	8.30	146	376743	39.42	ng		99
14) 1,2-Dichlorobenzene	8.63	146	359807	39.16	ng		95
15) Benzyl Alcohol	8.50	79	315295	32.14	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.79	45	605133	39.94	ng		91
17) 2-Methylphenol	8.69	107	254727	35.37	ng		97
18) Hexachloroethane	9.36	117	137776	37.50	ng		89
19) n-Nitroso-di-n-propylamine	9.07	70	339083	43.63	ng		89
20) 3+4-Methylphenols	9.02	107	323466	33.45	ng		90
22) Acetophenone	9.10	105	568304	45.57	ng	#	94
24) Nitrobenzene	9.49	77	527555	44.47	ng		95
25) Isophorone	10.00	82	918794	46.32	ng		99
26) 2-Nitrophenol	10.20	139	201399	45.74	ng		97
27) 2,4-Dimethylphenol	10.24	122	317555	41.20	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	513630	50.05	ng		99
29) 2,4-Dichlorophenol	10.73	162	373647	46.18	ng		96
30) 1,2,4-Trichlorobenzene	10.95	180	403261	42.02	ng		96
31) Naphthalene	11.15	128	1041891	43.02	ng		99
32) Benzoic acid	10.33	122	73428	11.44	ng		91
33) 4-Chloroaniline	11.25	127	141588	13.47	ng		97
34) Hexachlorobutadiene	11.41	225	302315	40.25	ng		98
35) Caprolactam	12.02	113	32718	11.05	ng	#	85
36) 4-Chloro-3-methylphenol	12.34	107	406049	41.57	ng		94
37) 2-Methylnaphthalene	12.73	142	779555	44.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	533016	43.80	ng		97
40) Hexachlorocyclopentadiene	13.06	237	589575	86.04	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	344391	47.08	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	351663	44.47	ng		94
45) 1,1'-Biphenyl	13.72	154	1073821	42.89	ng		96
46) 2-Chloronaphthalene	13.77	162	859247	45.07	ng		98
47) 2-Nitroaniline	13.97	65	336652	43.13	ng		96
48) Acenaphthylene	14.61	152	1264563	43.25	ng		98
49) Dimethylphthalate	14.33	163	1281711	50.04	ng		98
50) 2,6-Dinitrotoluene	14.46	165	262858	48.07	ng	#	87
51) Acenaphthene	14.95	154	847933	38.91	ng		95
52) 3-Nitroaniline	14.79	138	117145	20.70	ng		83
53) 2,4-Dinitrophenol	14.99	184	303043	76.48	ng		98
54) Dibenzofuran	15.28	168	1365407	45.31	ng		97
55) 4-Nitrophenol	15.07	139	216369	43.89	ng		93
56) 2,4-Dinitrotoluene	15.24	165	371207	46.72	ng	#	95
57) Fluorene	15.93	166	1107972	44.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	381502	46.53	ng	#	92
59) Diethylphthalate	15.68	149	1156916	43.08	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	622798	44.42	ng		96
61) 4-Nitroaniline	15.95	138	225377	36.46	ng		97
62) Azobenzene	16.21	77	1193225	44.55	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	245250	46.10	ng		97
65) n-Nitrosodiphenylamine	16.12	169	981692	46.50	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	452994	48.32	ng		100
67) Hexachlorobenzene	16.92	284	504455	48.70	ng	#	90
68) Atrazine	17.06	200	444823	49.12	ng		99
69) Pentachlorophenol	17.26	266	605207	88.54	ng		98
70) Phenanthrene	17.67	178	1788081	45.43	ng		99
71) Anthracene	17.76	178	1813943	45.68	ng		99
72) Carbazole	18.03	167	1657659	45.77	ng		96
73) Di-n-butylphthalate	18.56	149	1867170	44.71	ng		99
74) Fluoranthene	19.66	202	2285844	45.94	ng		97
76) Benzidine	19.84	184	872882	35.36	ng		98
77) Pyrene	20.03	202	2313935	45.17	ng		98
79) Butylbenzylphthalate	20.88	149	986135	46.18	ng		99
80) Benzo(a)anthracene	21.90	228	2617023	45.46	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	547091	23.56	ng	#	94
82) Chrysene	21.98	228	2487093	45.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1408732	46.11	ng	#	98
84) Di-n-octyl phthalate	23.04	149	2433903	48.01	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3469533	45.85	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2857475	45.49	ng		96
88) Benzo(k)fluoranthene	24.33	252	2728832	44.98	ng		96
89) Benzo(a)pyrene	25.19	252	2676416	43.60	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	2918640	43.32	ng		97
91) Benzo(g,h,i)perylene	30.54	276	2921572	43.41	ng		99

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

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