Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022887.D
Acq On : 6 Jul 2016 22:06
Operator : UM/SJ
Sample : H3862-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-57-062916MSD

Quant Time: Jul 07 03:01:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

SOHIL

7/7/2016 4:18:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	124667	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	561724	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	446170	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1058456	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1145768	20.00	ng		0.00
86) Perylene-d12	25.21	264	1165486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	947930	121.96	ng		0.00
7) Phenol-d6	7.31	99	1434546	130.94	ng		0.00
23) Nitrobenzene-d5	9.33	82	1068178	80.48	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	989716	141.03	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2254292	80.13	ng		-0.01
78) Terphenyl-d14	20.15	244	3271973	75.66	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.99	79	322797	36.63	ng		97
4) n-Nitrosodimethylamine	3.89	42	154548	30.66	ng	#	90
6) Aniline	7.48	93	491518	33.84	ng		97
8) 2-Chlorophenol	7.72	128	359751	44.68	ng		97
9) Benzaldehyde	7.29	77	235086	60.97	ng		94
10) Phenol	7.34	94	518028	44.74	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	380173	39.88	ng		98
12) 1,3-Dichlorobenzene	8.04	146	350700	35.80	ng		92
13) 1,4-Dichlorobenzene	8.19	146	361323	36.79	ng		99
14) 1,2-Dichlorobenzene	8.52	146	345522	36.99	ng		94
15) Benzyl Alcohol	8.40	79	510769	50.39	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	419961	39.84	ng		97
17) 2-Methylphenol	8.60	107	367950	48.21	ng		93
18) Hexachloroethane	9.25	117	140171	34.48	ng		84
19) n-Nitroso-di-n-propylamine	8.96	70	407415	44.65	ng		97
20) 3+4-Methylphenols	8.93	107	518585	49.33	ng		96
22) Acetophenone	8.99	105	666322	41.03	ng	#	92
24) Nitrobenzene	9.37	77	580686	39.59	ng		94
25) Isophorone	9.89	82	1090241	42.32	ng		97
26) 2-Nitrophenol	10.09	139	230238	43.57	ng		87
27) 2,4-Dimethylphenol	10.14	122	417584	41.36	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	605583	43.05	ng		98
29) 2,4-Dichlorophenol	10.62	162	489824	49.80	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	466404	39.94	ng		96
31) Naphthalene	11.04	128	1286658	45.57	ng		99
32) Benzoic acid	10.28	122	296816	45.30	ng		95
33) 4-Chloroaniline	11.14	127	99158	8.15	ng		94
34) Hexachlorobutadiene	11.31	225	357598	39.40	ng		93
35) Caprolactam	11.92	113	156212m	50.42	ng		
36) 4-Chloro-3-methylphenol	12.26	107	623852	51.67	ng		89
37) 2-Methylnaphthalene	12.63	142	974870	44.52	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	683982	40.61	ng		98
40) Hexachlorocyclopentadiene	12.97	237	824567	61.32	ng		95
42) 2,4,6-Trichlorophenol	13.23	196	508652	47.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	536103	47.43	ng		95
45) 1,1'-Biphenyl	13.63	154	1392949	40.98	ng		96
46) 2-Chloronaphthalene	13.68	162	1165898	41.69	ng		97
47) 2-Nitroaniline	13.88	65	497535	46.09	ng		98
48) Acenaphthylene	14.53	152	1728619	42.62	ng		97
49) Dimethylphthalate	14.24	163	1598991	43.20	ng		96
50) 2,6-Dinitrotoluene	14.37	165	380120	47.26	ng		83
51) Acenaphthene	14.86	154	1164293	38.96	ng		97
52) 3-Nitroaniline	14.70	138	206111	27.39	ng		90
53) 2,4-Dinitrophenol	14.91	184	472450	95.37	ng		91
54) Dibenzofuran	15.20	168	1848327	42.71	ng		99
55) 4-Nitrophenol	15.01	139	521602	81.97	ng		94
56) 2,4-Dinitrotoluene	15.16	165	547868	49.18	ng	#	87
57) Fluorene	15.85	166	1533935	44.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	548112	46.78	ng	#	98
59) Diethylphthalate	15.60	149	1629855	42.83	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	934125	45.43	ng		95
61) 4-Nitroaniline	15.87	138	322525	41.54	ng	#	82
62) Azobenzene	16.12	77	1670586	40.54	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	343733	48.42	ng		92
65) n-Nitrosodiphenylamine	16.05	169	1388063	45.06	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	648005	47.19	ng		96
67) Hexachlorobenzene	16.85	284	692517	47.70	ng		95
68) Atrazine	16.99	200	304352	23.40	ng		97
69) Pentachlorophenol	17.20	266	870587	87.13	ng		99
70) Phenanthrene	17.59	178	2341787m	43.39	ng		
71) Anthracene	17.68	178	2362538	42.53	ng		95
72) Carbazole	17.95	167	1977067	41.98	ng		98
73) Di-n-butylphthalate	18.49	149	2297007	41.89	ng		98
74) Fluoranthene	19.60	202	2622905	42.18	ng		94
76) Benzidine	19.79	184	142149m	11.65	ng		
77) Pyrene	19.95	202	2658226	43.56	ng		96
79) Butylbenzylphthalate	20.83	149	1191992	45.12	ng		93
80) Benzo(a)anthracene	21.83	228	2905379	45.83	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	395225	15.09	ng		96
82) Chrysene	21.90	228	2740837	46.01	ng		94
83) Bis(2-ethylhexyl)phthalate	21.71	149	1605751	43.17	ng		97
84) Di-n-octyl phthalate	22.97	149	2638490	43.03	ng		98
85) Indeno(1,2,3-cd)pyrene	29.07	276	3529354	45.08	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3206311	45.75	ng		95
88) Benzo(k)fluoranthene	24.21	252	3010575	45.44	ng	#	96
89) Benzo(a)pyrene	25.06	252	3102576	45.41	ng	#	97
90) Dibenzo(a,h)anthracene	29.14	278	2915787	45.33	ng	#	97
91) Benzo(g,h,i)perylene	30.28	276	2879371	43.98	ng	#	97

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

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