Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022980.D
Acq On : 10 Jul 2016 00:49
Operator : UM/SJ
Sample : H3935-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C3-5MSD

SOHIL
7/11/2016 6:47:01 AM

Quant Time: Jul 11 04:54:30 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	8.16	152	94162	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	455494	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	351638	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	834772	20.00	ng		0.00
75) Chrysene-d12	21.85	240	917186	20.00	ng		0.00
86) Perylene-d12	25.19	264	922663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	977906	169.85	ng		0.00
7) Phenol-d6	7.31	99	1525439	169.17	ng		0.00
23) Nitrobenzene-d5	9.33	82	1081578	101.68	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	853277	135.02	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2177424	97.54	ng		0.00
78) Terphenyl-d14	20.15	244	2998811	123.63	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	295875	38.64	ng		95
4) n-Nitrosodimethylamine	3.88	42	168884	51.40	ng	#	80
6) Aniline	7.47	93	586762	46.95	ng		97
8) 2-Chlorophenol	7.72	128	368511	60.15	ng		98
9) Benzaldehyde	7.28	77	267829	44.45	ng		89
10) Phenol	7.33	94	586606	63.23	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	381957	51.94	ng		90
12) 1,3-Dichlorobenzene	8.04	146	369972	49.33	ng		95
13) 1,4-Dichlorobenzene	8.19	146	383320	51.05	ng		96
14) 1,2-Dichlorobenzene	8.51	146	377874	50.62	ng		92
15) Benzyl Alcohol	8.39	79	510885	61.86	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	471274	52.46	ng		98
17) 2-Methylphenol	8.60	107	370109	61.28	ng		94
18) Hexachloroethane	9.24	117	160364	50.60	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	403496	49.64	ng		95
20) 3+4-Methylphenols	8.93	107	514514	61.08	ng		98
22) Acetophenone	8.98	105	669683	48.99	ng	#	94
24) Nitrobenzene	9.37	77	600530	53.13	ng		95
25) Isophorone	9.89	82	1079879	50.47	ng		97
26) 2-Nitrophenol	10.08	139	238548	53.78	ng		87
27) 2,4-Dimethylphenol	10.14	122	409196	53.37	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	607878	50.94	ng		99
29) 2,4-Dichlorophenol	10.62	162	461103	56.39	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	456339	48.70	ng		98
31) Naphthalene	11.03	128	1173190	50.60	ng		99
32) Benzoic acid	10.25	122	177848	25.50	ng		99
33) 4-Chloroaniline	11.14	127	367994	32.45	ng		94
34) Hexachlorobutadiene	11.31	225	352081	46.35	ng		97
35) Caprolactam	11.92	113	162651m	48.35	ng		
36) 4-Chloro-3-methylphenol	12.26	107	585729	52.37	ng		94
37) 2-Methylnaphthalene	12.63	142	956362	52.19	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	636844	42.03	ng		98
40) Hexachlorocyclopentadiene	12.97	237	801761	91.91	ng		98
42) 2,4,6-Trichlorophenol	13.23	196	462368	53.09	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	481833	53.87	ng		95
45) 1,1'-Biphenyl	13.63	154	1321769	50.10	ng		97
46) 2-Chloronaphthalene	13.68	162	1083086	50.61	ng		96
47) 2-Nitroaniline	13.88	65	472993	51.79	ng		97
48) Acenaphthylene	14.52	152	1627197	50.68	ng		98
49) Dimethylphthalate	14.25	163	1791475	62.37	ng		97
50) 2,6-Dinitrotoluene	14.37	165	336706	52.16	ng		90
51) Acenaphthene	14.86	154	1070049	51.00	ng		96
52) 3-Nitroaniline	14.71	138	263312	40.91	ng		86
53) 2,4-Dinitrophenol	14.91	184	387448	87.47	ng		93
54) Dibenzofuran	15.19	168	1699078	54.11	ng		99
55) 4-Nitrophenol	15.02	139	539048	99.90	ng		93
56) 2,4-Dinitrotoluene	15.16	165	497957	52.91	ng	#	93
57) Fluorene	15.85	166	1384551	51.23	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	493948	55.20	ng		99
59) Diethylphthalate	15.61	149	1479136	50.61	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	815746	49.55	ng		97
61) 4-Nitroaniline	15.88	138	327121	46.97	ng	#	85
62) Azobenzene	16.13	77	1631342	58.36	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	314069	50.62	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1292135	53.73	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	561867	51.73	ng		96
67) Hexachlorobenzene	16.85	284	591548	50.09	ng		98
68) Atrazine	17.00	200	549211	51.48	ng		98
69) Pentachlorophenol	17.20	266	742973	97.15	ng		99
70) Phenanthrene	17.60	178	2140182	52.32	ng		96
71) Anthracene	17.69	178	2187365	52.80	ng		97
72) Carbazole	17.96	167	1879250	52.50	ng		99
73) Di-n-butylphthalate	18.50	149	2203452	55.35	ng		99
74) Fluoranthene	19.60	202	2476276	49.32	ng		98
76) Benzidine	19.78	184	1753729	66.70	ng		96
77) Pyrene	19.97	202	2505691	48.62	ng		98
79) Butylbenzylphthalate	20.84	149	1137098	55.70	ng		95
80) Benzo(a)anthracene	21.83	228	2674603	52.12	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	746825	33.16	ng		98
82) Chrysene	21.90	228	2479273	51.51	ng		94
83) Bis(2-ethylhexyl)phthalate	21.70	149	1519103	53.59	ng		97
84) Di-n-octyl phthalate	22.96	149	2496655	52.81	ng		99
85) Indeno(1,2,3-cd)pyrene	29.04	276	3233291	52.68	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2902243	54.52	ng	#	97
88) Benzo(k)fluoranthene	24.20	252	2677450	53.00	ng	#	96
89) Benzo(a)pyrene	25.04	252	2778612	54.45	ng	#	99
90) Dibenzo(a,h)anthracene	29.11	278	2707658	53.46	ng	#	95
91) Benzo(g,h,i)perylene	30.25	276	2697600	53.19	ng	#	94

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

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