Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022944.D
Acq On : 9 Jul 2016 00:05
Operator : UM/SJ
Sample : H3884-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-19AMSD

Quant Time: Jul 11 04:06:05 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	105651	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	514622	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	398125	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	968267	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1029792	20.00	ng		0.00
86) Perylene-d12	25.20	264	1037107	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	854416	132.27	ng		0.00
7) Phenol-d6	7.31	99	1354827	133.91	ng		0.00
23) Nitrobenzene-d5	9.33	82	940118	78.22	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	753624	105.32	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1717134	67.94	ng		0.00
78) Terphenyl-d14	20.15	244	2570565	76.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	82305	32.78	ng	#	91
3) Pyridine	3.97	79	203846	23.72	ng		90
4) n-Nitrosodimethylamine	3.88	42	113604	30.82	ng	#	94
6) Aniline	7.47	93	257544	18.37	ng		93
8) 2-Chlorophenol	7.72	128	248652	36.17	ng		97
9) Benzaldehyde	7.29	77	218339	32.30	ng		98
10) Phenol	7.34	94	416678	40.03	ng		87
11) bis(2-Chloroethyl)ether	7.56	93	269008	32.60	ng		97
12) 1,3-Dichlorobenzene	8.04	146	254953	30.30	ng		98
13) 1,4-Dichlorobenzene	8.19	146	260508	30.92	ng		96
14) 1,2-Dichlorobenzene	8.51	146	266878	31.87	ng		96
15) Benzyl Alcohol	8.39	79	334168	36.06	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	325388	32.28	ng		95
17) 2-Methylphenol	8.60	107	252848	37.31	ng		94
18) Hexachloroethane	9.25	117	102517	28.83	ng	#	83
19) n-Nitroso-di-n-propylamine	8.95	70	278141	30.50	ng		92
20) 3+4-Methylphenols	8.93	107	344202	36.42	ng		95
22) Acetophenone	8.98	105	457826	29.64	ng	#	93
24) Nitrobenzene	9.37	77	407392	31.90	ng		94
25) Isophorone	9.89	82	732996	30.32	ng		96
26) 2-Nitrophenol	10.08	139	164651	32.86	ng		90
27) 2,4-Dimethylphenol	10.14	122	278978	32.21	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	417884	31.00	ng	#	96
29) 2,4-Dichlorophenol	10.62	162	319557	34.59	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	325554	30.75	ng		96
31) Naphthalene	11.03	128	812858	31.03	ng		99
32) Benzoic acid	10.24	122	91085	11.56	ng	#	88
33) 4-Chloroaniline	11.14	127	116851	9.12	ng		95
34) Hexachlorobutadiene	11.31	225	238856	27.83	ng		94
35) Caprolactam	11.92	113	106965m	28.14	ng		
36) 4-Chloro-3-methylphenol	12.26	107	405565	32.10	ng		99
37) 2-Methylnaphthalene	12.63	142	652323	31.51	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	442769	25.81	ng		99
40) Hexachlorocyclopentadiene	12.97	237	682232	69.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	312622	31.70	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	342549	33.83	ng		95
45) 1,1'-Biphenyl	13.63	154	918186	30.74	ng		98
46) 2-Chloronaphthalene	13.68	162	749856	30.95	ng		96
47) 2-Nitroaniline	13.88	65	312994	30.27	ng		96
48) Acenaphthylene	14.52	152	1146042	31.53	ng		98
49) Dimethylphthalate	14.24	163	1415515	43.53	ng		98
50) 2,6-Dinitrotoluene	14.37	165	234375	32.07	ng		90
51) Acenaphthene	14.86	154	750106	31.58	ng		98
52) 3-Nitroaniline	14.70	138	137661	18.89	ng		95
53) 2,4-Dinitrophenol	14.91	184	250904	50.03	ng		98
54) Dibenzofuran	15.19	168	1193982	33.58	ng		99
55) 4-Nitrophenol	15.02	139	483714	79.18	ng		93
56) 2,4-Dinitrotoluene	15.16	165	347441	32.61	ng		90
57) Fluorene	15.85	166	976171	31.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	343573	33.91	ng	#	97
59) Diethylphthalate	15.60	149	1059809	32.03	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	570073	30.59	ng		97
61) 4-Nitroaniline	15.87	138	222132	28.17	ng		89
62) Azobenzene	16.13	77	1112255	35.14	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	207077	28.78	ng		97
65) n-Nitrosodiphenylamine	16.05	169	915369	32.81	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	384330	30.51	ng		92
67) Hexachlorobenzene	16.85	284	413572	30.19	ng		98
68) Atrazine	17.00	200	405153	32.74	ng		97
69) Pentachlorophenol	17.20	266	659834	74.39	ng		99
70) Phenanthrene	17.60	178	1577436	33.24	ng		99
71) Anthracene	17.69	178	1566349	32.60	ng		99
72) Carbazole	17.96	167	1376847	33.16	ng		98
73) Di-n-butylphthalate	18.50	149	1604228	34.74	ng		98
74) Fluoranthene	19.60	202	1842798	31.65	ng		98
76) Benzidine	19.78	184	1041073	35.26	ng		99
77) Pyrene	19.97	202	1841187	31.82	ng		98
79) Butylbenzylphthalate	20.84	149	750366	32.74	ng		94
80) Benzo(a)anthracene	21.83	228	1885113	32.72	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	362949	14.35	ng	#	92
82) Chrysene	21.90	228	1778131	32.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1363744	42.85	ng		100
84) Di-n-octyl phthalate	22.96	149	1725023	32.50	ng		97
85) Indeno(1,2,3-cd)pyrene	29.05	276	2168416	31.47	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2015793	33.69	ng		99
88) Benzo(k)fluoranthene	24.20	252	1858568	32.73	ng	#	99
89) Benzo(a)pyrene	25.04	252	1903149	33.18	ng	#	98
90) Dibenzo(a,h)anthracene	29.12	278	1827226	32.10	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	1810471	31.76	ng	#	97

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

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