Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023943.D
Acq On : 1 Sep 2016 21:43
Operator : UM/SJ
Sample : H4635-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11FT-SOILMS

Quant Time: Sep 02 01:25:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	27791	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	135983	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	113622	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	327239	20.00	ng		0.00
75) Chrysene-d12	21.84	240	344492	20.00	ng		0.00
86) Perylene-d12	25.21	264	337176	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	220016	138.99	ng		0.00
7) Phenol-d6	7.26	99	327615	134.45	ng		0.00
23) Nitrobenzene-d5	9.27	82	287130	94.27	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	302380	147.71	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	697916	88.07	ng		0.00
78) Terphenyl-d14	20.13	244	1556786	102.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23521	36.03	ng	#	70
3) Pyridine	3.91	79	69674	35.51	ng	#	92
4) n-Nitrosodimethylamine	3.81	42	59176	57.22	ng	#	68
6) Aniline	7.41	93	80855	25.00	ng		96
8) 2-Chlorophenol	7.65	128	91463	49.88	ng		98
9) Benzaldehyde	7.23	77	17894	10.34	ng	#	87
10) Phenol	7.29	94	111640	43.55	ng		89
11) bis(2-Chloroethyl)ether	7.50	93	80591	39.96	ng		87
12) 1,3-Dichlorobenzene	7.97	146	91964	42.85	ng		96
13) 1,4-Dichlorobenzene	8.11	146	93652	41.19	ng		91
14) 1,2-Dichlorobenzene	8.44	146	94150	44.11	ng		94
15) Benzyl Alcohol	8.34	79	126949	59.09	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	113419	41.96	ng		98
17) 2-Methylphenol	8.55	107	86896	50.32	ng		98
18) Hexachloroethane	9.17	117	39675	45.31	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	98887	45.94	ng	#	83
20) 3+4-Methylphenols	8.88	107	123098	51.15	ng		93
22) Acetophenone	8.92	105	141139	40.09	ng	#	96
24) Nitrobenzene	9.31	77	149843	45.75	ng		94
25) Isophorone	9.84	82	281918	47.73	ng		98
26) 2-Nitrophenol	10.03	139	62739	50.38	ng		98
27) 2,4-Dimethylphenol	10.09	122	113841	53.80	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	139346	46.72	ng		93
29) 2,4-Dichlorophenol	10.58	162	121426	54.16	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	110236	44.83	ng		96
31) Naphthalene	10.97	128	334129	47.69	ng		98
32) Benzoic acid	10.26	122	59752	34.77	ng		98
33) 4-Chloroaniline	11.11	127	22291	7.62	ng		98
34) Hexachlorobutadiene	11.24	225	82596	44.72	ng		95
35) Caprolactam	11.91	113	35928m	45.47	ng		
36) 4-Chloro-3-methylphenol	12.23	107	160445	53.55	ng		91
37) 2-Methylnaphthalene	12.58	142	274098	51.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	144709	38.37	ng		98
40) Hexachlorocyclopentadiene	12.91	237	173289	76.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	118890	47.24	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	128117	50.36	ng	#	93
45) 1,1'-Biphenyl	13.58	154	368275	40.30	ng		97
46) 2-Chloronaphthalene	13.64	162	312386	46.56	ng		99
47) 2-Nitroaniline	13.85	65	148244	56.09	ng		96
48) Acenaphthylene	14.48	152	531143	47.49	ng		100
49) Dimethylphthalate	14.21	163	474751	48.73	ng		100
50) 2,6-Dinitrotoluene	14.34	165	102140	49.66	ng	#	87
51) Acenaphthene	14.82	154	338670	48.98	ng		99
52) 3-Nitroaniline	14.69	138	50958	26.49	ng	#	76
53) 2,4-Dinitrophenol	14.89	184	142083	93.31	ng	#	77
54) Dibenzofuran	15.16	168	570504	52.87	ng		98
55) 4-Nitrophenol	15.01	139	144821	94.62	ng	#	74
56) 2,4-Dinitrotoluene	15.13	165	156716	51.84	ng	#	87
57) Fluorene	15.81	166	492272	52.60	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	148128	57.36	ng		95
59) Diethylphthalate	15.57	149	539733	51.89	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	264892	52.58	ng		92
61) 4-Nitroaniline	15.86	138	103158	53.04	ng		89
62) Azobenzene	16.09	77	588101	58.38	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	107635	47.38	ng		84
65) n-Nitrosodiphenylamine	16.02	169	453619	48.80	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	200025	50.24	ng		97
67) Hexachlorobenzene	16.82	284	207560	44.45	ng		95
68) Atrazine	16.97	200	198018	49.52	ng		98
69) Pentachlorophenol	17.17	266	241587	97.42	ng		99
70) Phenanthrene	17.57	178	880982	51.75	ng		98
71) Anthracene	17.65	178	892740	51.41	ng		97
72) Carbazole	17.94	167	797367	50.60	ng		96
73) Di-n-butylphthalate	18.46	149	966785	51.42	ng		98
74) Fluoranthene	19.57	202	1076520	52.52	ng		96
76) Benzidine	19.78	184	27375m	2.57	ng		
77) Pyrene	19.94	202	1094206	51.65	ng		93
79) Butylbenzylphthalate	20.81	149	419811	51.40	ng		100
80) Benzo(a)anthracene	21.81	228	1047924	54.34	ng		93
81) 3,3'-Dichlorobenzidine	21.72	252	220175	28.56	ng		96
82) Chrysene	21.88	228	967650	52.72	ng		98
83) Bis(2-ethylhexyl)phthalate	21.68	149	571208	51.08	ng		95
84) Di-n-octyl phthalate	22.94	149	938841	51.19	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	1101696	54.21	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1040460	54.32	ng		98
88) Benzo(k)fluoranthene	24.20	252	1011532	53.26	ng		98
89) Benzo(a)pyrene	25.04	252	1002951	55.14	ng		97
90) Dibenzo(a,h)anthracene	29.13	278	934239	52.23	ng		97
91) Benzo(g,h,i)perylene	30.29	276	935117	54.36	ng		99

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

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