Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020866.D
Acq On : 11 Feb 2016 21:25
Operator : SJ/UM
Sample : G4825-04
Misc : LOQ 20PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2016-02

Quant Time: Feb 11 22:46:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20538	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	102977	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	65548	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	136397	20.00	ng	0.00
75) Chrysene-d12	21.90	240	128388	20.00	ng	0.00
86) Perylene-d12	25.28	264	120789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	150523	123.42	ng	0.00
7) Phenol-d6	7.41	99	212140	119.01	ng	0.00
23) Nitrobenzene-d5	9.44	82	115548	73.78	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	77128	119.65	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	324759	69.60	ng	0.00
78) Terphenyl-d14	20.20	244	420130	76.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	5500	12.40	ng	91
3) Pyridine	4.05	79	15745	12.00	ng	98
4) n-Nitrosodimethylamine	3.96	42	4525	13.19	ng	90
6) Aniline	7.58	93	15289	6.88	ng	98
8) 2-Chlorophenol	7.83	128	22842	14.99	ng	98
9) Benzaldehyde	7.40	77	16458	18.43	ng	94
10) Phenol	7.43	94	28371	15.04	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	20049	13.31	ng	99
12) 1,3-Dichlorobenzene	8.15	146	21670	13.45	ng	99
13) 1,4-Dichlorobenzene	8.30	146	22405	13.72	ng	98
14) 1,2-Dichlorobenzene	8.62	146	21929	13.80	ng	98
15) Benzyl Alcohol	8.50	79	17256	15.36	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	20630	13.13	ng	99
17) 2-Methylphenol	8.70	107	20496	15.08	ng	97
18) Hexachloroethane	9.36	117	7764	13.83	ng	95
19) n-Nitroso-di-n-propylamine	9.07	70	15264	13.27	ng	99
20) 3+4-Methylphenols	9.02	107	28047	14.81	ng	99
22) Acetophenone	9.09	105	31206	12.57	ng	98
24) Nitrobenzene	9.48	77	22416	13.73	ng	99
25) Isophorone	10.00	82	44401	13.45	ng	100
26) 2-Nitrophenol	10.19	139	11140	12.97	ng	99
27) 2,4-Dimethylphenol	10.24	122	23585	14.33	ng	99
28) bis(2-Chloroethoxy)methane	10.48	93	29436	14.47	ng	98
29) 2,4-Dichlorophenol	10.73	162	22455	15.22	ng	98
30) 1,2,4-Trichlorobenzene	10.95	180	20563	13.83	ng	95
31) Naphthalene	11.14	128	74644	14.01	ng	99
32) Benzoic acid	10.31	122	11822	8.95	ng	89
33) 4-Chloroaniline	11.24	127	14778	6.45	ng	93
34) Hexachlorobutadiene	11.43	225	10164	13.42	ng	96
35) Caprolactam	11.99	113	9149	16.18	ng	97
36) 4-Chloro-3-methylphenol	12.34	107	25160	14.88	ng	96
37) 2-Methylnaphthalene	12.73	142	56591	15.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	22936	11.93	ng	98
40) Hexachlorocyclopentadiene	13.07	237	9072	10.72	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	18048	13.97	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	19798	14.58	ng		98
45) 1,1'-Biphenyl	13.72	154	70383	12.17	ng		99
46) 2-Chloronaphthalene	13.76	162	54859	13.25	ng		98
47) 2-Nitroaniline	13.96	65	13918	14.04	ng		95
48) Acenaphthylene	14.60	152	97401	13.53	ng		99
49) Dimethylphthalate	14.32	163	70768	13.81	ng		100
50) 2,6-Dinitrotoluene	14.45	165	15222	13.86	ng		98
51) Acenaphthene	14.95	154	58817	13.48	ng		98
52) 3-Nitroaniline	14.78	138	13428	10.52	ng		96
53) 2,4-Dinitrophenol	14.97	184	3515	15.17	ng		95
54) Dibenzofuran	15.27	168	90401	15.66	ng		99
55) 4-Nitrophenol	15.06	139	13483	13.99	ng		97
56) 2,4-Dinitrotoluene	15.23	165	20603	14.51	ng		96
57) Fluorene	15.92	166	76151	14.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	16358	15.81	ng		99
59) Diethylphthalate	15.67	149	76079	14.44	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	32171	13.62	ng		98
61) 4-Nitroaniline	15.93	138	18326	14.30	ng		99
62) Azobenzene	16.20	77	64773	15.63	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	6898	14.32	ng		94
65) n-Nitrosodiphenylamine	16.12	169	63459	14.40	ng		100
66) 4-Bromophenyl-phenylether	16.80	248	19941	13.84	ng		99
67) Hexachlorobenzene	16.92	284	21765	14.20	ng		99
68) Atrazine	17.05	200	20502	15.33	ng		99
69) Pentachlorophenol	17.26	266	10357	11.79	ng		95
70) Phenanthrene	17.66	178	113297	14.59	ng		98
71) Anthracene	17.75	178	111182	14.11	ng		99
72) Carbazole	18.01	167	103194	14.59	ng		98
73) Di-n-butylphthalate	18.55	149	125428	13.83	ng		100
74) Fluoranthene	19.65	202	118869	14.17	ng		98
76) Benzidine	19.82	184	16170	3.89	ng		99
77) Pyrene	20.01	202	122647	14.48	ng		98
79) Butylbenzylphthalate	20.88	149	55207	13.62	ng		99
80) Benzo(a)anthracene	21.88	228	111039	14.49	ng		99
81) 3,3'-Dichlorobenzidine	21.78	252	16791	5.90	ng		99
82) Chrysene	21.95	228	99752	13.84	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	81236	13.51	ng		99
84) Di-n-octyl phthalate	23.03	149	140098	14.20	ng		100
85) Indeno(1,2,3-cd)pyrene	29.14	276	116969	14.11	ng	#	88
87) Benzo(b)fluoranthene	24.20	252	105633	14.29	ng		98
88) Benzo(k)fluoranthene	24.27	252	103025	14.22	ng		98
89) Benzo(a)pyrene	25.11	252	100978	14.34	ng		99
90) Dibenzo(a,h)anthracene	29.22	278	95601	13.96	ng		99
91) Benzo(g,h,i)perylene	30.36	276	93592	13.77	ng		98

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

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