Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021516\
Data File : BG020905.D
Acq On : 15 Feb 2016 15:25
Operator : SJ/UM
Sample : G4825-04
Misc : LOQ 20PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2016-02

Quant Time: Feb 16 00:14:43 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	20632	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	101045	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	61807	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	132118	20.00	ng		0.00
75) Chrysene-d12	21.90	240	127907	20.00	ng		0.00
86) Perylene-d12	25.28	264	119741	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	194757	158.97	ng		0.00
7) Phenol-d6	7.41	99	274277	153.17	ng		0.00
23) Nitrobenzene-d5	9.44	82	147095	95.72	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	102741	169.04	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	410934	93.39	ng		0.00
78) Terphenyl-d14	20.20	244	553250	100.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	6392	14.35	ng	#	92
3) Pyridine	4.05	79	20176	15.31	ng		96
4) n-Nitrosodimethylamine	3.96	42	5736	16.64	ng		89
6) Aniline	7.58	93	40475	18.13	ng		99
8) 2-Chlorophenol	7.82	128	29119	19.03	ng		98
9) Benzaldehyde	7.40	77	20178	22.50	ng		98
10) Phenol	7.44	94	36147	19.07	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	25887	17.10	ng		97
12) 1,3-Dichlorobenzene	8.15	146	27536	17.02	ng		97
13) 1,4-Dichlorobenzene	8.30	146	28390	17.30	ng		97
14) 1,2-Dichlorobenzene	8.62	146	28110	17.61	ng		99
15) Benzyl Alcohol	8.50	79	21327	18.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	25510	16.16	ng		99
17) 2-Methylphenol	8.70	107	25271	18.51	ng		95
18) Hexachloroethane	9.36	117	9819	17.41	ng		94
19) n-Nitroso-di-n-propylamine	9.06	70	18928	16.38	ng	#	97
20) 3+4-Methylphenols	9.03	107	34130	17.94	ng		96
22) Acetophenone	9.09	105	39616	16.27	ng	#	99
24) Nitrobenzene	9.48	77	27530	17.19	ng		97
25) Isophorone	10.00	82	54453	16.81	ng		100
26) 2-Nitrophenol	10.20	139	14338	17.01	ng		96
27) 2,4-Dimethylphenol	10.24	122	30463	18.86	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	36896	18.48	ng		99
29) 2,4-Dichlorophenol	10.73	162	28202	19.48	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	26900	18.44	ng		94
31) Naphthalene	11.14	128	93408	17.87	ng		99
32) Benzoic acid	10.32	122	14235	10.99	ng	#	84
33) 4-Chloroaniline	11.24	127	42314	18.82	ng		99
34) Hexachlorobutadiene	11.42	225	13487	18.14	ng		99
35) Caprolactam	12.00	113	10963	19.76	ng		95
36) 4-Chloro-3-methylphenol	12.34	107	31032	18.71	ng		96
37) 2-Methylnaphthalene	12.73	142	70621	19.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	28927	15.95	ng		98
40) Hexachlorocyclopentadiene	13.06	237	13020	16.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	22242	18.26	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	23802	18.59	ng		97
45) 1,1'-Biphenyl	13.72	154	87100	15.97	ng		100
46) 2-Chloronaphthalene	13.77	162	68298	17.50	ng		97
47) 2-Nitroaniline	13.96	65	16521	17.67	ng		95
48) Acenaphthylene	14.60	152	120342	17.73	ng		100
49) Dimethylphthalate	14.32	163	89714	18.56	ng		99
50) 2,6-Dinitrotoluene	14.45	165	19474	18.80	ng		98
51) Acenaphthene	14.94	154	71680	17.42	ng		99
52) 3-Nitroaniline	14.77	138	23722	19.71	ng		95
53) 2,4-Dinitrophenol	14.98	184	3829	16.22	ng		93
54) Dibenzofuran	15.27	168	111799	20.54	ng		98
55) 4-Nitrophenol	15.07	139	16887	18.58	ng		100
56) 2,4-Dinitrotoluene	15.23	165	26476	19.78	ng	#	99
57) Fluorene	15.92	166	93856	18.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	20653	21.17	ng	#	98
59) Diethylphthalate	15.67	149	94551	19.03	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	40981	18.41	ng		95
61) 4-Nitroaniline	15.93	138	24027	19.89	ng		96
62) Azobenzene	16.20	77	78730	20.15	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	7881	15.90	ng		94
65) n-Nitrosodiphenylamine	16.12	169	80678	18.90	ng		96
66) 4-Bromophenyl-phenylether	16.80	248	25171	18.04	ng		100
67) Hexachlorobenzene	16.92	284	27537	18.55	ng		99
68) Atrazine	17.05	200	26638	20.56	ng		99
69) Pentachlorophenol	17.26	266	11660	13.70	ng		98
70) Phenanthrene	17.66	178	144926	19.27	ng		98
71) Anthracene	17.75	178	143597	18.81	ng		98
72) Carbazole	18.02	167	133082	19.42	ng		99
73) Di-n-butylphthalate	18.55	149	163237	18.58	ng		99
74) Fluoranthene	19.65	202	156404	19.25	ng		98
76) Benzidine	19.82	184	68914	16.66	ng		99
77) Pyrene	20.01	202	160110	18.98	ng		99
79) Butylbenzylphthalate	20.88	149	70721	17.51	ng		99
80) Benzo(a)anthracene	21.88	228	143818	18.83	ng		98
81) 3,3'-Dichlorobenzidine	21.78	252	38902	13.73	ng		99
82) Chrysene	21.95	228	129458	18.03	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	101679	16.98	ng		99
84) Di-n-octyl phthalate	23.03	149	174999	17.80	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	143118	17.33	ng	#	87
87) Benzo(b)fluoranthene	24.20	252	137197	18.72	ng		99
88) Benzo(k)fluoranthene	24.27	252	136992	19.08	ng		99
89) Benzo(a)pyrene	25.12	252	132965	19.04	ng		98
90) Dibenzo(a,h)anthracene	29.22	278	119794	17.64	ng		97
91) Benzo(g,h,i)perylene	30.37	276	112074	16.63	ng		94

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

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