Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020862.D
Acq On : 11 Feb 2016 18:49
Operator : SJ/UM
Sample : G4825-03
Misc : LOD 1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations APPROVED
Sohil
2/12/2016 12:33:02 PM

Quant Time: Feb 12 04:57:08 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	21289	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	106156	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	67729	20.00	ng		0.00
63) Phenanthrene-d10	17.61	188	144980	20.00	ng		0.00
75) Chrysene-d12	21.90	240	135397	20.00	ng		0.00
86) Perylene-d12	25.28	264	125074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	177808	140.65	ng		0.00
7) Phenol-d6	7.41	99	250396	135.52	ng		0.00
23) Nitrobenzene-d5	9.44	82	138145	85.56	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	96118	144.31	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	396611	82.26	ng		0.00
78) Terphenyl-d14	20.20	244	539613	92.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	301	0.65	ng	#	27
6) Aniline	7.58	93	743	0.32	ng	#	83
8) 2-Chlorophenol	7.83	128	1387	0.88	ng		97
9) Benzaldehyde	7.40	77	1282	1.39	ng	#	71
10) Phenol	7.43	94	1592	0.81	ng	#	56
11) bis(2-Chloroethyl)ether	7.68	93	1161	0.74	ng		98
12) 1,3-Dichlorobenzene	8.16	146	1142	0.68	ng		87
13) 1,4-Dichlorobenzene	8.31	146	1371	0.81	ng	#	93
14) 1,2-Dichlorobenzene	8.63	146	1387	0.84	ng		91
15) Benzyl Alcohol	8.50	79	933	0.80	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.79	45	1282	0.79	ng		61
17) 2-Methylphenol	8.70	107	1104	0.78	ng		93
18) Hexachloroethane	9.36	117	321	0.55	ng	#	81
19) n-Nitroso-di-n-propylamine	9.07	70	862	0.72	ng	#	78
20) 3+4-Methylphenols	9.03	107	1675	0.85	ng		95
22) Acetophenone	9.09	105	1843	0.72	ng	#	92
24) Nitrobenzene	9.48	77	1350	0.80	ng	#	94
25) Isophorone	10.00	82	2707	0.80	ng	#	91
27) 2,4-Dimethylphenol	10.24	122	970	0.57	ng		91
28) bis(2-Chloroethoxy)methane	10.48	93	1678	0.80	ng	#	89
29) 2,4-Dichlorophenol	10.72	162	1206	0.79	ng		82
30) 1,2,4-Trichlorobenzene	10.95	180	1148	0.75	ng		99
31) Naphthalene	11.15	128	4743	0.86	ng		96
33) 4-Chloroaniline	11.24	127	1170	0.50	ng	#	82
34) Hexachlorobutadiene	11.43	225	519	0.66	ng	#	85
36) 4-Chloro-3-methylphenol	12.34	107	1315	0.75	ng		95
37) 2-Methylnaphthalene	12.73	142	3381	0.88	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	1415	0.71	ng	#	87
42) 2,4,6-Trichlorophenol	13.32	196	900	0.67	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	1068	0.76	ng		95
45) 1,1'-Biphenyl	13.72	154	4655	0.78	ng		98
46) 2-Chloronaphthalene	13.77	162	3254	0.76	ng	#	93
47) 2-Nitroaniline	13.96	65	774	0.76	ng		92
48) Acenaphthylene	14.61	152	6031	0.81	ng	#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.32	163	4518	0.85	ng	#	95
50) 2,6-Dinitrotoluene	14.44	165	665	0.59	ng	#	83
51) Acenaphthene	14.94	154	3424	0.76	ng		99
52) 3-Nitroaniline	14.77	138	843	0.64	ng	#	79
54) Dibenzofuran	15.28	168	5647	0.95	ng		99
55) 4-Nitrophenol	15.06	139	445	0.45	ng		86
56) 2,4-Dinitrotoluene	15.22	165	859	0.59	ng	#	82
57) Fluorene	15.92	166	4734	0.86	ng		89
58) 2,3,4,6-Tetrachlorophenol	15.49	232	820	0.77	ng	#	86
59) Diethylphthalate	15.67	149	4631	0.85	ng		95
60) 4-Chlorophenyl-phenylether	15.91	204	1882	0.77	ng	#	84
61) 4-Nitroaniline	15.92	138	798	0.60	ng	#	81
62) Azobenzene	16.20	77	4031	0.94	ng		97
65) n-Nitrosodiphenylamine	16.12	169	3693	0.79	ng		91
66) 4-Bromophenyl-phenylether	16.80	248	1124	0.73	ng		84
67) Hexachlorobenzene	16.92	284	1327	0.81	ng		90
68) Atrazine	17.05	200	1148	0.81	ng		92
70) Phenanthrene	17.66	178	7010	0.85	ng		94
71) Anthracene	17.75	178	6966	0.83	ng		97
72) Carbazole	18.01	167	5918	0.79	ng		95
73) Di-n-butylphthalate	18.55	149	7181	0.74	ng		98
74) Fluoranthene	19.65	202	7369	0.83	ng		99
77) Pyrene	20.01	202	7421	0.83	ng		93
79) Butylbenzylphthalate	20.87	149	3163	0.74	ng	#	96
80) Benzo(a)anthracene	21.88	228	7307	0.90	ng		99
81) 3,3'-Dichlorobenzidine	21.79	252	1431	0.48	ng	#	91
82) Chrysene	21.94	228	6107	0.80	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	4881	0.77	ng	#	95
84) Di-n-octyl phthalate	23.03	149	8107	0.78	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.15	276	6778m	0.78	ng		
87) Benzo(b)fluoranthene	24.20	252	6219	0.81	ng	#	90
88) Benzo(k)fluoranthene	24.26	252	6297	0.84	ng	#	93
89) Benzo(a)pyrene	25.11	252	6180	0.85	ng		95
90) Dibenzo(a,h)anthracene	29.22	278	5248	0.74	ng	#	91
91) Benzo(g,h,i)perylene	30.37	276	5231m	0.74	ng		

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

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