Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025370.D
Acq On : 21 Dec 2016 23:21
Operator : UM/SJ
Sample : H6103-02
Misc : LOQ 20 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2017

Manual Integrations APPROVED
sohil
12/22/2016 7:03:34 PM

Quant Time: Dec 22 04:52:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49011	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	205634	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	165185	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	392120	20.00	ng		0.00
75) Chrysene-d12	21.87	240	564886	20.00	ng		0.00
86) Perylene-d12	25.28	264	598850	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	460688	170.86	ng		0.00
7) Phenol-d6	7.37	99	624321	164.40	ng		0.00
23) Nitrobenzene-d5	9.40	82	519505	111.61	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	385017	144.78	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1107009	108.50	ng		0.00
78) Terphenyl-d14	20.16	244	2155003	101.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	17069	14.84	ng	#	89
3) Pyridine	4.01	79	48811	14.64	ng	#	83
4) n-Nitrosodimethylamine	3.92	42	29150	14.73	ng	#	85
6) Aniline	7.54	93	56205	10.92	ng		95
8) 2-Chlorophenol	7.77	128	50304	16.54	ng		93
9) Benzaldehyde	7.36	77	42326	15.23	ng		97
10) Phenol	7.40	94	70869	16.83	ng		89
11) bis(2-Chloroethyl)ether	7.62	93	49951	15.40	ng		97
12) 1,3-Dichlorobenzene	8.10	146	60637	16.47	ng		93
13) 1,4-Dichlorobenzene	8.25	146	58557	15.35	ng		93
14) 1,2-Dichlorobenzene	8.57	146	58269	16.01	ng		93
15) Benzyl Alcohol	8.46	79	56487	15.58	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.73	45	98858	16.46	ng		84
17) 2-Methylphenol	8.66	107	48659	17.60	ng		94
18) Hexachloroethane	9.30	117	21857	14.92	ng	#	73
19) n-Nitroso-di-n-propylamine	9.01	70	50013	15.59	ng	#	97
20) 3+4-Methylphenols	9.00	107	65574	17.14	ng		97
22) Acetophenone	9.05	105	92380	16.17	ng	#	94
24) Nitrobenzene	9.44	77	79805	15.63	ng		94
25) Isophorone	9.95	82	132862	15.76	ng		95
26) 2-Nitrophenol	10.15	139	30266	15.50	ng		93
27) 2,4-Dimethylphenol	10.20	122	55183	17.19	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	66072	15.10	ng		98
29) 2,4-Dichlorophenol	10.71	162	56850	16.55	ng		89
30) 1,2,4-Trichlorobenzene	10.90	180	63729	15.36	ng		95
31) Naphthalene	11.09	128	159801	15.56	ng		96
32) Benzoic acid	10.31	122	32413m	12.56	ng		
33) 4-Chloroaniline	11.21	127	37083	8.59	ng	#	95
34) Hexachlorobutadiene	11.35	225	55611	16.42	ng		92
35) Caprolactam	11.97	113	18589	14.40	ng		95
36) 4-Chloro-3-methylphenol	12.32	107	67043	15.81	ng		98
37) 2-Methylnaphthalene	12.68	142	115521	15.18	ng		87
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	85270	15.64	ng	#	97
40) Hexachlorocyclopentadiene	13.00	237	15065	15.27	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	53439	15.56	ng		91
43) 2,4,5-Trichlorophenol	13.37	196	56636m	15.76	ng		
45) 1,1'-Biphenyl	13.67	154	181413	16.33	ng		94
46) 2-Chloronaphthalene	13.73	162	136115	15.68	ng		93
47) 2-Nitroaniline	13.94	65	58207	15.89	ng		95
48) Acenaphthylene	14.57	152	213457	15.87	ng		95
49) Dimethylphthalate	14.28	163	188701	15.67	ng	#	93
50) 2,6-Dinitrotoluene	14.42	165	37857	14.39	ng		90
51) Acenaphthene	14.90	154	137498	15.63	ng		95
52) 3-Nitroaniline	14.77	138	28827	11.40	ng		99
53) 2,4-Dinitrophenol	14.99	184	13462	12.39	ng		90
54) Dibenzofuran	15.24	168	228112	16.40	ng		94
55) 4-Nitrophenol	15.09	139	25743	13.63	ng	#	87
56) 2,4-Dinitrotoluene	15.22	165	59644	15.57	ng	#	82
57) Fluorene	15.88	166	185178	15.90	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.47	232	57770	15.00	ng		95
59) Diethylphthalate	15.62	149	193362	15.31	ng		93
60) 4-Chlorophenyl-phenylether	15.86	204	99889	15.13	ng		98
61) 4-Nitroaniline	15.92	138	41515	16.31	ng		92
62) Azobenzene	16.16	77	191409	15.72	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	38565	14.20	ng		96
65) n-Nitrosodiphenylamine	16.08	169	167415	15.80	ng		96
66) 4-Bromophenyl-phenylether	16.76	248	74840	15.47	ng		95
67) Hexachlorobenzene	16.88	284	84310	15.19	ng	#	88
68) Atrazine	17.02	200	55922	12.04	ng		96
69) Pentachlorophenol	17.24	266	36777	12.78	ng		92
70) Phenanthrene	17.63	178	320648	15.87	ng		92
71) Anthracene	17.72	178	317672	15.47	ng		96
72) Carbazole	18.00	167	286499	15.60	ng	#	94
73) Di-n-butylphthalate	18.50	149	356385	15.77	ng		97
74) Fluoranthene	19.62	202	442314	16.57	ng		93
76) Benzidine	19.80	184	137390	9.75	ng		97
77) Pyrene	19.99	202	463824	15.71	ng		93
79) Butylbenzylphthalate	20.83	149	188877	15.93	ng		96
80) Benzo(a)anthracene	21.86	228	505033	16.03	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	114473	9.35	ng		94
82) Chrysene	21.93	228	493694	16.34	ng		94
83) Bis(2-ethylhexyl)phthalate	21.70	149	265155	16.07	ng		96
84) Di-n-octyl phthalate	22.96	149	441361	16.12	ng		96
85) Indeno(1,2,3-cd)pyrene	29.21	276	606405	15.79	ng	#	58
87) Benzo(b)fluoranthene	24.19	252	524029	16.04	ng	#	96
88) Benzo(k)fluoranthene	24.26	252	494450	15.67	ng	#	98
89) Benzo(a)pyrene	25.12	252	504846	16.00	ng	#	94
90) Dibenzo(a,h)anthracene	29.25	278	519052	15.52	ng		97
91) Benzo(g,h,i)perylene	30.44	276	516404	15.54	ng		95

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

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