Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022665.D
Acq On : 28 Jun 2016 5:58
Operator : UM/SJ
Sample : H3606-04
Misc : LOQ20-PPM
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2016-02

Quant Time: Jun 28 07:46:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	138948	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	592944	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	428777	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1205325	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1368029	20.00	ng		0.00
86) Perylene-d12	25.21	264	1425664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	974416	112.48	ng		0.00
7) Phenol-d6	7.31	99	1415809	115.95	ng		0.00
23) Nitrobenzene-d5	9.33	82	978377	69.84	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	808132	119.83	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1918525	70.96	ng		0.00
78) Terphenyl-d14	20.16	244	3117785	60.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	42345	12.06	ng	#	94
3) Pyridine	3.99	79	132168	13.46	ng		93
4) n-Nitrosodimethylamine	3.90	42	68269	12.15	ng	#	90
6) Aniline	7.48	93	110893	6.85	ng	#	89
8) 2-Chlorophenol	7.72	128	132126	14.72	ng		94
9) Benzaldehyde	7.29	77	146220	34.03	ng		95
10) Phenol	7.34	94	203001	15.73	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	141435	13.31	ng		95
12) 1,3-Dichlorobenzene	8.05	146	149904	13.73	ng		99
13) 1,4-Dichlorobenzene	8.20	146	152338	13.92	ng		91
14) 1,2-Dichlorobenzene	8.51	146	143262	13.76	ng		91
15) Benzyl Alcohol	8.40	79	164600	14.57	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	156119	13.29	ng		99
17) 2-Methylphenol	8.60	107	123739	14.55	ng		91
18) Hexachloroethane	9.25	117	58676	12.95	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	135851	13.36	ng		97
20) 3+4-Methylphenols	8.92	107	180711	15.42	ng		91
22) Acetophenone	8.98	105	231652	13.51	ng	#	93
24) Nitrobenzene	9.37	77	204417	13.20	ng		96
25) Isophorone	9.89	82	347709	12.79	ng		99
26) 2-Nitrophenol	10.09	139	74718	13.40	ng		92
27) 2,4-Dimethylphenol	10.14	122	138387	12.99	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	191268	12.88	ng		96
29) 2,4-Dichlorophenol	10.62	162	149285	14.38	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	162424	13.18	ng		99
31) Naphthalene	11.03	128	408314	13.70	ng		99
32) Benzoic acid	10.22	122	93824	17.15	ng		96
33) 4-Chloroaniline	11.14	127	51623	4.02	ng	#	92
34) Hexachlorobutadiene	11.32	225	124342	12.98	ng		95
35) Caprolactam	11.90	113	53819	16.46	ng		90
36) 4-Chloro-3-methylphenol	12.24	107	195804	15.36	ng		97
37) 2-Methylnaphthalene	12.63	142	319552	13.83	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	219491	13.56	ng		98
40) Hexachlorocyclopentadiene	12.97	237	147903	11.45	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	151555	14.60	ng		90
43) 2,4,5-Trichlorophenol	13.30	196	163096	15.02	ng		87
45) 1,1'-Biphenyl	13.63	154	445314	13.63	ng		97
46) 2-Chloronaphthalene	13.68	162	369368	13.74	ng		95
47) 2-Nitroaniline	13.88	65	142251	13.71	ng		97
48) Acenaphthylene	14.52	152	547541	14.05	ng		100
49) Dimethylphthalate	14.24	163	506914	14.25	ng		99
50) 2,6-Dinitrotoluene	14.37	165	114225	14.78	ng	#	82
51) Acenaphthene	14.86	154	390572	13.60	ng		99
52) 3-Nitroaniline	14.69	138	74654	10.32	ng		97
53) 2,4-Dinitrophenol	14.90	184	64035	13.45	ng	#	83
54) Dibenzofuran	15.19	168	608171	14.62	ng		95
55) 4-Nitrophenol	14.99	139	91940	15.03	ng		96
56) 2,4-Dinitrotoluene	15.15	165	162012	15.13	ng	#	94
57) Fluorene	15.85	166	487727	14.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	167101	14.84	ng	#	98
59) Diethylphthalate	15.61	149	511035	13.98	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	278487	14.09	ng		96
61) 4-Nitroaniline	15.86	138	115289	15.45	ng	#	82
62) Azobenzene	16.13	77	539059	13.61	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	102861	12.72	ng		94
65) n-Nitrosodiphenylamine	16.05	169	472825	13.48	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	200009	12.79	ng		94
67) Hexachlorobenzene	16.86	284	204223	12.35	ng		96
68) Atrazine	17.00	200	213869	14.44	ng		97
69) Pentachlorophenol	17.20	266	133922	11.77	ng		93
70) Phenanthrene	17.60	178	870624	14.16	ng		98
71) Anthracene	17.69	178	873320	13.80	ng		98
72) Carbazole	17.96	167	776033	14.47	ng		97
73) Di-n-butylphthalate	18.51	149	913499	14.63	ng	#	95
74) Fluoranthene	19.60	202	1098512	15.51	ng		95
76) Benzidine	19.78	184	204661	14.05	ng		96
77) Pyrene	19.96	202	1117466	15.34	ng		93
79) Butylbenzylphthalate	20.84	149	421122	13.35	ng		94
80) Benzo(a)anthracene	21.83	228	1154386	15.25	ng		92
81) 3,3'-Dichlorobenzidine	21.74	252	242998	7.77	ng		95
82) Chrysene	21.90	228	1092971	15.37	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	572301	12.89	ng		98
84) Di-n-octyl phthalate	22.98	149	996137	13.61	ng		97
85) Indeno(1,2,3-cd)pyrene	29.04	276	1208100	12.92	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1206943	14.08	ng		97
88) Benzo(k)fluoranthene	24.21	252	1115835	13.77	ng		99
89) Benzo(a)pyrene	25.05	252	1138662	13.62	ng		95
90) Dibenzo(a,h)anthracene	29.12	278	969146	12.32	ng	#	95
91) Benzo(g,h,i)perylene	30.26	276	962054	12.01	ng		96

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

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