Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022657.D
Acq On : 28 Jun 2016 00:38
Operator : UM/SJ
Sample : H3606-03
Misc : LOD-1PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations
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Quant Time: Jun 28 07:31:16 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	128955	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	556452	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	405890	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1116257	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1294116	20.00	ng		0.00
86) Perylene-d12	25.21	264	1289031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	824383	102.54	ng		0.00
7) Phenol-d6	7.31	99	1202353	106.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	828000	62.98	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	698806	109.46	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1685702	65.86	ng		0.00
78) Terphenyl-d14	20.16	244	2800299	57.33	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.49	93	6538	0.44	ng	#	65
8) 2-Chlorophenol	7.72	128	6873	0.83	ng	#	81
9) Benzaldehyde	7.29	77	9464	2.37	ng	#	69
10) Phenol	7.34	94	10495	0.88	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	7673	0.78	ng	#	66
12) 1,3-Dichlorobenzene	8.05	146	6804	0.67	ng	#	82
13) 1,4-Dichlorobenzene	8.19	146	6600	0.65	ng	#	79
14) 1,2-Dichlorobenzene	8.52	146	6511	0.67	ng		97
15) Benzyl Alcohol	8.40	79	6959	0.66	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.69	45	8133	0.75	ng		88
17) 2-Methylphenol	8.60	107	5227	0.66	ng	#	76
18) Hexachloroethane	9.24	117	2397	0.57	ng	#	71
19) n-Nitroso-di-n-propylamine	8.96	70	4836	0.51	ng	#	85
20) 3+4-Methylphenols	8.93	107	7125	0.66	ng	#	75
22) Acetophenone	8.99	105	9555	0.59	ng		93
24) Nitrobenzene	9.37	77	7443	0.51	ng	#	86
25) Isophorone	9.90	82	13692	0.54	ng	#	88
26) 2-Nitrophenol	10.09	139	3024	0.58	ng	#	83
27) 2,4-Dimethylphenol	10.14	122	6787	0.68	ng	#	53
28) bis(2-Chloroethoxy)methane	10.38	93	7840	0.56	ng	#	83
29) 2,4-Dichlorophenol	10.62	162	6673	0.68	ng		86
30) 1,2,4-Trichlorobenzene	10.84	180	7102	0.61	ng	#	87
31) Naphthalene	11.04	128	19603	0.70	ng		98
33) 4-Chloroaniline	11.14	127	5612	0.47	ng	#	78
34) Hexachlorobutadiene	11.32	225	4859	0.54	ng	#	83
35) Caprolactam	11.91	113	1832	0.60	ng	#	25
36) 4-Chloro-3-methylphenol	12.25	107	7907	0.66	ng	#	92
37) 2-Methylnaphthalene	12.63	142	13787	0.64	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	9963	0.65	ng	#	96
40) Hexachlorocyclopentadiene	12.97	237	4445	0.36	ng		95
42) 2,4,6-Trichlorophenol	13.23	196	6592	0.67	ng	#	87
43) 2,4,5-Trichlorophenol	13.30	196	6702	0.65	ng	#	75
45) 1,1'-Biphenyl	13.63	154	20858	0.67	ng		89
46) 2-Chloronaphthalene	13.67	162	17173	0.67	ng	#	78

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.88	65	5841	0.59	ng	#	80
48) Acenaphthylene	14.52	152	25743	0.70	ng	#	93
49) Dimethylphthalate	14.24	163	22146	0.66	ng	#	97
50) 2,6-Dinitrotoluene	14.36	165	3945	0.54	ng	#	89
51) Acenaphthene	14.86	154	17614	0.65	ng	#	71
52) 3-Nitroaniline	14.70	138	4175	0.61	ng	#	28
53) 2,4-Dinitrophenol	14.91	184	1509	0.33	ng	#	51
54) Dibenzofuran	15.19	168	31857	0.81	ng	#	81
55) 4-Nitrophenol	15.00	139	3790m	0.65	ng		
56) 2,4-Dinitrotoluene	15.15	165	6995	0.69	ng	#	69
57) Fluorene	15.85	166	21872	0.70	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	15.42	232	6628	0.62	ng	#	86
59) Diethylphthalate	15.60	149	21381	0.62	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	12869	0.69	ng	#	84
61) 4-Nitroaniline	15.87	138	4404	0.62	ng	#	67
62) Azobenzene	16.13	77	22323	0.60	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	3611	0.48	ng		89
65) n-Nitrosodiphenylamine	16.05	169	20703	0.64	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	9042	0.62	ng		96
67) Hexachlorobenzene	16.85	284	9438	0.62	ng	#	73
68) Atrazine	16.99	200	6860	0.50	ng		94
69) Pentachlorophenol	17.20	266	5464	0.52	ng	#	64
70) Phenanthrene	17.60	178	40393	0.71	ng	#	96
71) Anthracene	17.69	178	40802	0.70	ng	#	93
72) Carbazole	17.96	167	34052	0.69	ng	#	80
73) Di-n-butylphthalate	18.50	149	37430	0.65	ng	#	91
74) Fluoranthene	19.60	202	48911	0.75	ng		83
76) Benzidine	19.79	184	834	0.06	ng	#	53
77) Pyrene	19.96	202	46178	0.67	ng		91
79) Butylbenzylphthalate	20.84	149	17946	0.60	ng	#	87
80) Benzo(a)anthracene	21.82	228	52626	0.73	ng	#	92
81) 3,3'-Dichlorobenzidine	21.75	252	11796	0.40	ng		85
82) Chrysene	21.89	228	51960m	0.77	ng		
83) Bis(2-ethylhexyl)phthalate	21.72	149	23202	0.55	ng	#	92
84) Di-n-octyl phthalate	22.98	149	41416	0.60	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.04	276	51091m	0.58	ng		
87) Benzo(b)fluoranthene	24.12	252	53991	0.70	ng	#	90
88) Benzo(k)fluoranthene	24.20	252	49077	0.67	ng	#	89
89) Benzo(a)pyrene	25.04	252	51570	0.68	ng	#	87
90) Dibenzo(a,h)anthracene	29.13	278	35981	0.51	ng	#	90
91) Benzo(g,h,i)perylene	30.24	276	43243m	0.60	ng		

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

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