Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015851.D
Acq On : 5 Jan 2015 20:10
Operator : TP/IZ
Sample : G1001-04
Misc : LOQ-SOIL-20PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jan 06 09:46:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26573	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	97701	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	74758	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	180116	20.00	ng		0.00
75) Chrysene-d12	21.29	240	288739	20.00	ng		0.00
86) Perylene-d12	23.56	264	280828	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	194344	62.90	ng		0.00
7) Phenol-d6	6.91	99	266961	62.03	ng		0.00
23) Nitrobenzene-d5	8.89	82	197401	39.64	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	178734	62.89	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	417716	39.91	ng		0.00
78) Terphenyl-d14	19.74	244	1027047	39.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	11182	15.78	ng		90
3) Pyridine	3.64	79	24813	12.77	ng	#	90
4) n-Nitrosodimethylamine	3.56	42	13091	15.68	ng	#	91
6) Aniline	7.06	93	25223	8.67	ng		92
8) 2-Chlorophenol	7.30	128	24326	15.27	ng		87
9) Benzaldehyde	6.88	77	28285	19.52	ng		86
10) Phenol	6.93	94	37312	15.93	ng		89
11) bis(2-Chloroethyl)ether	7.16	93	29888	17.31	ng		91
12) 1,3-Dichlorobenzene	7.62	146	27623	14.47	ng		93
13) 1,4-Dichlorobenzene	7.76	146	28924	14.85	ng		94
14) 1,2-Dichlorobenzene	8.08	146	26282	14.21	ng		92
15) Benzyl Alcohol	7.97	79	32849	15.63	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.27	45	20048	18.18	ng		87
17) 2-Methylphenol	8.17	107	22628	14.16	ng		96
18) Hexachloroethane	8.80	117	14378	15.99	ng		93
19) n-Nitroso-di-n-propylamine	8.53	70	23174	13.80	ng	#	96
20) 3+4-Methylphenols	8.50	107	31596	14.83	ng		91
22) Acetophenone	8.54	105	44658	15.59	ng	#	93
24) Nitrobenzene	8.93	77	41949	16.72	ng		97
25) Isophorone	9.44	82	73453	16.63	ng		99
26) 2-Nitrophenol	9.63	139	14300	14.88	ng	#	89
27) 2,4-Dimethylphenol	9.70	122	21861	13.60	ng	#	77
28) bis(2-Chloroethoxy)methane	9.93	93	35966	16.51	ng	#	96
29) 2,4-Dichlorophenol	10.16	162	24862	15.31	ng		96
30) 1,2,4-Trichlorobenzene	10.38	180	31797	14.94	ng		92
31) Naphthalene	10.57	128	79158	15.30	ng		96
32) Benzoic acid	9.78	122	6274	13.50	ng		86
33) 4-Chloroaniline	10.68	127	17158	8.14	ng	#	89
34) Hexachlorobutadiene	10.85	225	31074	15.71	ng		93
35) Caprolactam	11.44	113	10403	14.56	ng	#	72
36) 4-Chloro-3-methylphenol	11.81	107	32850	15.52	ng		87
37) 2-Methylnaphthalene	12.18	142	59782	15.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	43592	15.68	ng		97
40) Hexachlorocyclopentadiene	12.53	237	28540	15.64	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	25219	14.78	ng		88
43) 2,4,5-Trichlorophenol	12.87	196	28421	15.21	ng		95
45) 1,1'-Biphenyl	13.20	154	82163	15.39	ng		99
46) 2-Chloronaphthalene	13.24	162	66802	15.71	ng		99
47) 2-Nitroaniline	13.44	65	21929	15.76	ng		96
48) Acenaphthylene	14.08	152	108433	14.90	ng		99
49) Dimethylphthalate	13.83	163	88624	16.07	ng		98
50) 2,6-Dinitrotoluene	13.95	165	19650	16.52	ng		94
51) Acenaphthene	14.43	154	65852	15.41	ng		94
52) 3-Nitroaniline	14.28	138	13995	12.37	ng		99
53) 2,4-Dinitrophenol	14.49	184	7566	17.66	ng		91
54) Dibenzofuran	14.77	168	105989	15.29	ng		98
55) 4-Nitrophenol	14.59	139	12340	13.24	ng	#	89
56) 2,4-Dinitrotoluene	14.74	165	29633	17.29	ng	#	82
57) Fluorene	15.42	166	88957	15.75	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.00	232	31558	14.97	ng	#	97
59) Diethylphthalate	15.19	149	98132	16.11	ng		95
60) 4-Chlorophenyl-phenylether	15.41	204	58994	15.99	ng		97
61) 4-Nitroaniline	15.44	138	20826	15.66	ng		95
62) Azobenzene	15.70	77	100519	15.31	ng		99
64) 4,6-Dinitro-2-methylphenol	15.50	198	16798	15.27	ng		95
65) n-Nitrosodiphenylamine	15.62	169	84226	16.26	ng		93
66) 4-Bromophenyl-phenylether	16.31	248	41318	16.72	ng		100
67) Hexachlorobenzene	16.42	284	45123	16.13	ng		95
68) Atrazine	16.58	200	35831	15.48	ng		91
69) Pentachlorophenol	16.76	266	22503	15.05	ng		90
70) Phenanthrene	17.15	178	151757	15.83	ng		95
71) Anthracene	17.25	178	155250	16.30	ng		96
72) Carbazole	17.52	167	140990	15.44	ng		98
73) Di-n-butylphthalate	18.08	149	178823	16.63	ng		99
74) Fluoranthene	19.17	202	233181	16.08	ng		99
76) Benzidine	19.36	184	47518	7.11	ng		98
77) Pyrene	19.53	202	246764	15.98	ng		98
79) Butylbenzylphthalate	20.43	149	97205	16.80	ng		93
80) Benzo(a)anthracene	21.28	228	279751	16.32	ng		98
81) 3,3'-Dichlorobenzidine	21.21	252	64145	10.19	ng	#	93
82) Chrysene	21.33	228	256200	16.25	ng		96
83) Bis(2-ethylhexyl)phthalate	21.21	149	140055	16.65	ng		99
84) Di-n-octyl phthalate	22.09	149	228081	16.65	ng		100
85) Indeno(1,2,3-cd)pyrene	25.86	276	294556	15.82	ng		99
87) Benzo(b)fluoranthene	22.87	252	276037	15.74	ng		99
88) Benzo(k)fluoranthene	22.92	252	276268	16.37	ng		99
89) Benzo(a)pyrene	23.46	252	264702	16.76	ng		100
90) Dibenzo(a,h)anthracene	25.87	278	242128	15.60	ng		95
91) Benzo(g,h,i)perylene	26.56	276	246449	15.98	ng		99

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

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