Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015847.D
Acq On : 5 Jan 2015 17:52
Operator : TP/IZ
Sample : G1001-03
Misc : LOD-SOIL-1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Manual Integrations APPROVED
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1/6/2015 6:24:39 PM

Quant Time: Jan 06 09:08:26 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	27856	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	96779	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	74674	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	181912	20.00	ng		0.00
75) Chrysene-d12	21.29	240	280120	20.00	ng		-0.01
86) Perylene-d12	23.55	264	260951	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	187961	58.03	ng		0.00
7) Phenol-d6	6.91	99	260054	57.65	ng		0.00
23) Nitrobenzene-d5	8.89	82	186539	37.82	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	161954	57.05	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	398406	38.11	ng		0.00
78) Terphenyl-d14	19.74	244	980824	39.12	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.30	128	1527	0.91	ng	#	68
10) Phenol	6.94	94	2394	0.97	ng		96
11) bis(2-Chloroethyl)ether	7.16	93	2369	1.31	ng	#	75
12) 1,3-Dichlorobenzene	7.62	146	2021	1.01	ng	#	92
13) 1,4-Dichlorobenzene	7.77	146	1710	0.84	ng	#	80
14) 1,2-Dichlorobenzene	8.08	146	2219	1.14	ng	#	87
15) Benzyl Alcohol	7.97	79	1705	0.77	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.26	45	923	0.80	ng	#	58
17) 2-Methylphenol	8.18	107	1668	1.00	ng	#	71
18) Hexachloroethane	8.80	117	1201	1.27	ng	#	68
19) n-Nitroso-di-n-propylamine	8.53	70	2060	1.17	ng	#	70
20) 3+4-Methylphenols	8.50	107	1987	0.89	ng	#	83
22) Acetophenone	8.55	105	3385	1.19	ng	#	81
24) Nitrobenzene	8.92	77	3418	1.38	ng	#	78
25) Isophorone	9.45	82	5349	1.22	ng	#	88
26) 2-Nitrophenol	9.64	139	1033	1.09	ng	#	80
27) 2,4-Dimethylphenol	9.69	122	1700	1.07	ng		80
28) bis(2-Chloroethoxy)methane	9.93	93	2630	1.22	ng	#	81
29) 2,4-Dichlorophenol	10.16	162	1825	1.13	ng	#	75
30) 1,2,4-Trichlorobenzene	10.39	180	2455	1.16	ng	#	62
31) Naphthalene	10.56	128	5708	1.11	ng	#	91
34) Hexachlorobutadiene	10.85	225	2460	1.26	ng		92
36) 4-Chloro-3-methylphenol	11.81	107	2139	1.02	ng	#	78
37) 2-Methylnaphthalene	12.18	142	4135	1.08	ng	#	65
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	3311	1.19	ng	#	93
40) Hexachlorocyclopentadiene	12.53	237	2212	4.02	ng		94
42) 2,4,6-Trichlorophenol	12.79	196	1581	0.93	ng	#	51
43) 2,4,5-Trichlorophenol	12.87	196	1850	0.99	ng	#	79
45) 1,1'-Biphenyl	13.20	154	7079	1.33	ng		89
46) 2-Chloronaphthalene	13.23	162	4778	1.12	ng	#	87
47) 2-Nitroaniline	13.45	65	1487	1.07	ng	#	75
48) Acenaphthylene	14.08	152	8603	1.18	ng	#	97
49) Dimethylphthalate	13.82	163	6690	1.21	ng	#	92
50) 2,6-Dinitrotoluene	13.95	165	1417	1.19	ng	#	72

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.43	154	4814	1.13	ng		91
54) Dibenzofuran	14.77	168	7881	1.14	ng	#	93
55) 4-Nitrophenol	14.59	139	1302	1.40	ng	#	77
56) 2,4-Dinitrotoluene	14.74	165	1923	1.12	ng	#	67
57) Fluorene	15.41	166	5479	0.97	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	14.99	232	1644	0.78	ng	#	78
59) Diethylphthalate	15.19	149	6617	1.09	ng	#	93
60) 4-Chlorophenyl-phenylether	15.41	204	4463	1.21	ng	#	82
61) 4-Nitroaniline	15.44	138	1181	0.89	ng	#	88
62) Azobenzene	15.70	77	7715	1.18	ng		95
65) n-Nitrosodiphenylamine	15.62	169	5601	1.07	ng	#	85
66) 4-Bromophenyl-phenylether	16.31	248	3090	1.24	ng		89
67) Hexachlorobenzene	16.43	284	3121	1.10	ng		92
68) Atrazine	16.57	200	2378	1.02	ng		96
69) Pentachlorophenol	16.77	266	1411	3.85	ng	#	32
70) Phenanthrene	17.15	178	11004	1.14	ng		96
71) Anthracene	17.25	178	12214m	1.27	ng		
72) Carbazole	17.51	167	9201	1.00	ng		99
73) Di-n-butylphthalate	18.08	149	13463	1.24	ng	#	93
74) Fluoranthene	19.17	202	17926	1.22	ng		96
76) Benzidine	19.36	184	3403	0.52	ng	#	80
77) Pyrene	19.53	202	17159	1.15	ng	#	91
79) Butylbenzylphthalate	20.43	149	5720	1.02	ng		87
80) Benzo(a)anthracene	21.28	228	18550	1.12	ng		96
81) 3,3'-Dichlorobenzidine	21.21	252	4005	0.66	ng	#	80
82) Chrysene	21.33	228	19553	1.28	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	8503	1.04	ng	#	89
84) Di-n-octyl phthalate	22.08	149	14551	1.10	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.86	276	18406	1.02	ng		93
87) Benzo(b)fluoranthene	22.87	252	21044	1.29	ng	#	83
88) Benzo(k)fluoranthene	22.91	252	19067	1.22	ng		98
89) Benzo(a)pyrene	23.46	252	18886	1.29	ng	#	89
90) Dibenzo(a,h)anthracene	25.87	278	18194	1.26	ng	#	94
91) Benzo(g,h,i)perylene	26.56	276	18261	1.27	ng	#	82

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

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