Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
Data File : BF076732.D
Acq On : 2 Jan 2015 19:10
Operator : IZ / TP
Sample : G1001-03
Misc : LOD-SOIL-1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL2015-01

Quant Time: Jan 05 10:21:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 02 22:56:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	38498	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	169024	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	89135	20.00	ng		-0.01
63) Phenanthrene-d10	12.27	188	159545	20.00	ng		0.00
75) Chrysene-d12	15.50	240	154452	20.00	ng		-0.01
86) Perylene-d12	17.19	264	144936	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	289975	127.70	ng		0.01
7) Phenol-d6	6.31	99	382626	137.96	ng		0.00
23) Nitrobenzene-d5	7.42	82	216457	76.16	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	94201	125.04	ng		-0.01
44) 2-Fluorobiphenyl	9.65	172	435093	75.96	ng		-0.01
78) Terphenyl-d14	14.25	244	490177	70.00	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.44	128	3231	1.24	ng		97
10) Phenol	6.32	94	3837	1.14	ng		88
11) bis(2-Chloroethyl)ether	6.42	93	3320	1.37	ng	#	84
12) 1,3-Dichlorobenzene	6.63	146	3433	1.14	ng	#	89
13) 1,4-Dichlorobenzene	6.73	146	3835	1.25	ng	#	90
14) 1,2-Dichlorobenzene	6.92	146	3346	1.15	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.11	45	3957	1.13	ng		80
17) 2-Methylphenol	7.09	107	2252	1.05	ng	#	79
18) Hexachloroethane	7.33	117	956	0.87	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	2230m	1.10	ng		
20) 3+4-Methylphenols	7.30	107	2815	0.98	ng		89
22) Acetophenone	7.25	105	4858	1.20	ng	#	98
24) Nitrobenzene	7.44	77	4242	1.44	ng		96
26) 2-Nitrophenol	7.85	139	944	0.66	ng	#	75
27) 2,4-Dimethylphenol	7.94	122	2310	0.99	ng		90
28) bis(2-Chloroethoxy)methane	8.06	93	3502	1.09	ng		96
29) 2,4-Dichlorophenol	8.16	162	2420	1.06	ng		90
30) 1,2,4-Trichlorobenzene	8.24	180	2474	1.00	ng	#	75
31) Naphthalene	8.32	128	9855	1.18	ng	#	96
33) 4-Chloroaniline	8.42	127	1524	0.45	ng	#	69
34) Hexachlorobutadiene	8.49	225	1316	0.92	ng		89
35) Caprolactam	8.84	113	274	0.42	ng	#	43
36) 4-Chloro-3-methylphenol	9.05	107	3094	1.21	ng	#	72
37) 2-Methylnaphthalene	9.18	142	5918	1.01	ng		84
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	2439	1.11	ng	#	74
40) Hexachlorocyclopentadiene	9.37	237	798m	7.37	ng		
42) 2,4,6-Trichlorophenol	9.54	196	1657	1.04	ng	#	46
43) 2,4,5-Trichlorophenol	9.60	196	917	0.54	ng	#	88
45) 1,1'-Biphenyl	9.76	154	8369	1.26	ng		94
46) 2-Chloronaphthalene	9.77	162	6348	1.21	ng	#	91
47) 2-Nitroaniline	9.92	65	1734	1.09	ng		98
48) Acenaphthylene	10.28	152	10705	1.20	ng		99
49) Dimethylphthalate	10.17	163	7409	1.18	ng	#	94
50) 2,6-Dinitrotoluene	10.23	165	1194	0.92	ng	#	41

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Quant Time: Jan 05 10:21:10 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.49	154	5919	1.17	ng		95
52) 3-Nitroaniline	10.44	138	991	0.68	ng	#	21
54) Dibenzofuran	10.71	168	9021	1.23	ng		89
57) Fluorene	11.12	166	7134	1.16	ng	#	77
58) 2,3,4,6-Tetrachlorophenol	10.87	232	1200	0.94	ng	#	100
59) Diethylphthalate	11.04	149	8133	1.26	ng		99
60) 4-Chlorophenyl-phenylether	11.15	204	2898	1.09	ng	#	80
61) 4-Nitroaniline	11.18	138	1237	0.80	ng	#	67
62) Azobenzene	11.34	77	6226	0.98	ng		88
64) 4,6-Dinitro-2-methylphenol	11.23	198	220	0.22	ng	#	20
65) n-Nitrosodiphenylamine	11.29	169	5329	0.95	ng		98
66) 4-Bromophenyl-phenylether	11.75	248	1747	1.12	ng	#	72
67) Hexachlorobenzene	11.79	284	1991	1.10	ng	#	88
69) Pentachlorophenol	12.05	266	942	1.06	ng		94
70) Phenanthrene	12.29	178	11731	1.22	ng		98
71) Anthracene	12.36	178	10696	1.13	ng		98
72) Carbazole	12.57	167	9843	1.07	ng		98
73) Di-n-butylphthalate	13.05	149	10596	0.94	ng		98
74) Fluoranthene	13.75	202	10384	1.06	ng		97
77) Pyrene	14.01	202	11362	1.05	ng		99
79) Butylbenzylphthalate	14.89	149	3770	0.73	ng		99
80) Benzo(a)anthracene	15.50	228	10633	1.11	ng		92
81) 3,3'-Dichlorobenzidine	15.50	252	2186	0.68	ng	#	80
82) Chrysene	15.53	228	10713m	1.22	ng		
83) Bis(2-ethylhexyl)phthalate	15.61	149	5862m	0.75	ng		
84) Di-n-octyl phthalate	16.40	149	8888	0.67	ng	#	98
85) Indeno(1,2,3-cd)pyrene	18.37	276	9938	1.03	ng	#	91
87) Benzo(b)fluoranthene	16.76	252	10925	1.14	ng	#	91
88) Benzo(k)fluoranthene	16.79	252	8908m	1.00	ng		
89) Benzo(a)pyrene	17.13	252	8404	0.98	ng		98
90) Dibenzo(a,h)anthracene	18.39	278	8688	1.03	ng		93
91) Benzo(g,h,i)perylene	18.68	276	8856	1.08	ng		91

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

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