Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078111.D
Acq On : 31 Mar 2015 13:29
Operator : TP/IZ
Sample : G1614-04
Misc : LOQ-SOIL-20PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Apr 01 02:32:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	37414	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	158675	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	80389	20.00	ng		0.01
63) Phenanthrene-d10	12.63	188	158804	20.00	ng		0.00
75) Chrysene-d12	15.99	240	165319m	20.00	ng		0.09
86) Perylene-d12	17.91	264	150842m	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	357822	166.94	ng		0.00
7) Phenol-d6	6.64	99	423305	159.85	ng		0.00
23) Nitrobenzene-d5	7.74	82	266202	109.97	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	117297	152.50	ng		0.01
44) 2-Fluorobiphenyl	9.97	172	575077	105.13	ng		0.00
78) Terphenyl-d14	14.64	244	690735	102.06	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	19452	19.99	ng	#	100
3) Pyridine	2.59	79	48380	18.50	ng		98
4) n-Nitrosodimethylamine	2.51	42	19494m	17.12	ng		
6) Aniline	6.64	93	75439	19.92	ng	#	74
8) 2-Chlorophenol	6.78	128	56091	21.98	ng		91
9) Benzaldehyde	6.49	77	42580	39.25	ng		99
10) Phenol	6.66	94	67498	21.56	ng	#	67
11) bis(2-Chloroethyl)ether	6.74	93	50294	21.45	ng		92
12) 1,3-Dichlorobenzene	6.97	146	59158	20.85	ng		100
13) 1,4-Dichlorobenzene	7.07	146	60072	20.37	ng		99
14) 1,2-Dichlorobenzene	7.25	146	55690	20.60	ng		97
15) Benzyl Alcohol	7.24	79	46975	22.72	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	65065	20.59	ng		97
17) 2-Methylphenol	7.40	107	43010	20.71	ng		97
18) Hexachloroethane	7.66	117	20095	20.78	ng		96
19) n-Nitroso-di-n-propylamine	7.57	70	36880	20.13	ng	#	95
20) 3+4-Methylphenols	7.60	107	57628	21.14	ng		98
22) Acetophenone	7.56	105	75780	21.57	ng	#	91
24) Nitrobenzene	7.77	77	56760	21.77	ng	#	89
25) Isophorone	8.06	82	99425	20.34	ng		93
26) 2-Nitrophenol	8.16	139	25205	19.74	ng	#	78
27) 2,4-Dimethylphenol	8.24	122	49463	21.27	ng		95
28) bis(2-Chloroethoxy)methane	8.35	93	64414	21.71	ng		100
29) 2,4-Dichlorophenol	8.46	162	48181	21.73	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	48661	19.62	ng		98
31) Naphthalene	8.65	128	163591	20.07	ng		100
32) Benzoic acid	8.35	122	20032	17.54	ng		88
33) 4-Chloroaniline	8.74	127	65006	19.65	ng		99
34) Hexachlorobutadiene	8.81	225	27950	19.88	ng		97
35) Caprolactam	9.14	113	13293	20.52	ng		87
36) 4-Chloro-3-methylphenol	9.36	107	46593	20.89	ng		96
37) 2-Methylnaphthalene	9.50	142	110353	20.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	48192	20.10	ng	#	100
40) Hexachlorocyclopentadiene	9.70	237	18795	18.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	32174	19.37	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	35298	19.67	ng	#	91
45) 1,1'-Biphenyl	10.09	154	135683	21.11	ng		97
46) 2-Chloronaphthalene	10.11	162	108576	20.79	ng		98
47) 2-Nitroaniline	10.25	65	27076	20.88	ng		97
48) Acenaphthylene	10.61	152	169645	19.53	ng		99
49) Dimethylphthalate	10.49	163	126635	21.24	ng		99
50) 2,6-Dinitrotoluene	10.56	165	26114	21.13	ng		95
51) Acenaphthene	10.83	154	101405	20.37	ng		99
52) 3-Nitroaniline	10.76	138	27735	19.32	ng		100
53) 2,4-Dinitrophenol	10.90	184	2710	13.43	ng	#	80
54) Dibenzofuran	11.05	168	156877	21.24	ng		99
55) 4-Nitrophenol	11.00	139	18363	17.27	ng		93
56) 2,4-Dinitrotoluene	11.05	165	34271	21.27	ng		96
57) Fluorene	11.47	166	127572	20.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	27254	19.73	ng	#	100
59) Diethylphthalate	11.36	149	120112	20.68	ng		96
60) 4-Chlorophenyl-phenylether	11.48	204	58083	20.75	ng		93
61) 4-Nitroaniline	11.51	138	28893	20.20	ng	#	77
62) Azobenzene	11.68	77	115787	20.85	ng		94
64) 4,6-Dinitro-2-methylphenol	11.55	198	9520	15.86	ng		91
65) n-Nitrosodiphenylamine	11.63	169	107833	20.39	ng		98
66) 4-Bromophenyl-phenylether	12.09	248	35630	21.02	ng	#	92
67) Hexachlorobenzene	12.15	284	37072	19.91	ng		97
68) Atrazine	12.32	200	34524	23.30	ng		99
69) Pentachlorophenol	12.40	266	11854	14.77	ng		95
70) Phenanthrene	12.66	178	185806	20.38	ng		99
71) Anthracene	12.72	178	184304	20.46	ng		99
72) Carbazole	12.93	167	174143	20.33	ng		98
73) Di-n-butylphthalate	13.39	149	201135	20.94	ng		99
74) Fluoranthene	14.13	202	201119	20.00	ng		99
76) Benzidine	14.32	184	159329	38.95	ng		99
77) Pyrene	14.41	202	212877	20.48	ng		99
79) Butylbenzylphthalate	15.28	149	81414	19.86	ng		92
80) Benzo(a)anthracene	15.96	228	198715m	20.28	ng		
81) 3,3'-Dichlorobenzidine	15.95	252	55691m	17.23	ng		
82) Chrysene	16.02	228	182267m	20.68	ng		
83) Bis(2-ethylhexyl)phthalate	16.07	149	123305m	19.86	ng		
84) Di-n-octyl phthalate	16.95	149	202372m	19.06	ng		
85) Indeno(1,2,3-cd)pyrene	19.31	276	189583m	17.24	ng		
87) Benzo(b)fluoranthene	17.40	252	193082m	19.61	ng		
88) Benzo(k)fluoranthene	17.44	252	166047m	21.59	ng		
89) Benzo(a)pyrene	17.83	252	166827m	20.30	ng		
90) Dibenzo(a,h)anthracene	19.35	278	157835m	19.37	ng		
91) Benzo(g,h,i)perylene	19.70	276	163137m	19.66	ng		

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

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