Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF077994.D
Acq On : 26 Mar 2015 14:42
Operator : TP/IZ
Sample : G1614-03
Misc : LOD-SOIL-1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL2015-01

Quant Time: Mar 27 11:24:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	32428	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	133643	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	64224	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	134146	20.00	ng		-0.01
75) Chrysene-d12	15.96	240	148108	20.00	ng		-0.05
86) Perylene-d12	17.76	264	144062	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	217305	116.97	ng		0.00
7) Phenol-d6	6.67	99	267486	116.54	ng		-0.01
23) Nitrobenzene-d5	7.79	82	158918	77.95	ng		0.00
41) 2,4,6-Tribromophenol	11.81	330	65708	106.93	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	359984	82.37	ng		0.00
78) Terphenyl-d14	14.67	244	447629	73.83	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.68	93	2193	0.67	ng	#	1
8) 2-Chlorophenol	6.83	128	1638	0.74	ng		94
9) Benzaldehyde	6.54	77	841	0.89	ng	#	87
10) Phenol	6.69	94	1956	0.72	ng		91
11) bis(2-Chloroethyl)ether	6.78	93	1778	0.87	ng		86
12) 1,3-Dichlorobenzene	7.01	146	1451	0.59	ng		95
13) 1,4-Dichlorobenzene	7.12	146	1697	0.66	ng		94
14) 1,2-Dichlorobenzene	7.30	146	1454m	0.62	ng		
16) 2,2'-oxybis(1-Chloropropan	7.46	45	1865	0.68	ng		66
17) 2-Methylphenol	7.45	107	1032	0.57	ng		88
18) Hexachloroethane	7.71	117	366	0.44	ng	#	84
19) n-Nitroso-di-n-propylamine	7.62	70	869	0.55	ng	#	69
20) 3+4-Methylphenols	7.65	107	976m	0.41	ng		
22) Acetophenone	7.61	105	1730	0.58	ng	#	96
24) Nitrobenzene	7.81	77	1850	0.84	ng	#	86
25) Isophorone	8.11	82	2470	0.60	ng	#	93
27) 2,4-Dimethylphenol	8.29	122	964	0.49	ng		90
28) bis(2-Chloroethoxy)methane	8.40	93	1517	0.61	ng	#	92
29) 2,4-Dichlorophenol	8.52	162	665	0.36	ng	#	71
30) 1,2,4-Trichlorobenzene	8.60	180	1552	0.74	ng		91
31) Naphthalene	8.69	128	4936	0.72	ng		96
33) 4-Chloroaniline	8.78	127	1322	0.47	ng	#	73
34) Hexachlorobutadiene	8.85	225	686	0.58	ng		95
36) 4-Chloro-3-methylphenol	9.40	107	811	0.43	ng	#	68
37) 2-Methylnaphthalene	9.56	142	2898	0.63	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	1361	0.71	ng	#	100
42) 2,4,6-Trichlorophenol	9.92	196	400	0.30	ng	#	62
43) 2,4,5-Trichlorophenol	9.97	196	370	0.26	ng	#	57
45) 1,1'-Biphenyl	10.13	154	3542	0.69	ng		94
46) 2-Chloronaphthalene	10.16	162	3070	0.74	ng		98
48) Acenaphthylene	10.66	152	4069	0.59	ng		99
49) Dimethylphthalate	10.52	163	3105	0.65	ng	#	90
50) 2,6-Dinitrotoluene	10.60	165	342	0.35	ng	#	58
51) Acenaphthene	10.88	154	2916	0.73	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	11.09	168	4510	0.76	ng		95
57) Fluorene	11.52	166	3279	0.67	ng		98
59) Diethylphthalate	11.40	149	3169	0.68	ng		94
60) 4-Chlorophenyl-phenylether	11.53	204	1573	0.70	ng	#	87
62) Azobenzene	11.72	77	2768	0.62	ng		93
65) n-Nitrosodiphenylamine	11.68	169	2729	0.61	ng		92
66) 4-Bromophenyl-phenylether	12.13	248	644	0.45	ng	#	71
67) Hexachlorobenzene	12.19	284	1123	0.71	ng		99
68) Atrazine	12.35	200	568	0.45	ng	#	79
70) Phenanthrene	12.71	178	5460	0.71	ng	#	95
71) Anthracene	12.76	178	5145	0.68	ng		95
72) Carbazole	12.98	167	4614	0.64	ng		99
73) Di-n-butylphthalate	13.44	149	4509	0.56	ng	#	93
74) Fluoranthene	14.18	202	5680	0.67	ng		98
76) Benzidine	14.36	184	13333	3.19	ng		96
77) Pyrene	14.45	202	5959	0.64	ng		98
79) Butylbenzylphthalate	15.29	149	1694	0.46	ng	#	67
80) Benzo(a)anthracene	15.95	228	5954	0.68	ng		96
81) 3,3'-Dichlorobenzidine	15.94	252	1197	0.41	ng	#	89
82) Chrysene	16.00	228	6377	0.81	ng		95
83) Bis(2-ethylhexyl)phthalate	16.03	149	2455	0.44	ng	#	96
84) Di-n-octyl phthalate	16.84	149	3737	0.39	ng	#	87
85) Indeno(1,2,3-cd)pyrene	19.13	276	6129	0.62	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	5472	0.58	ng	#	96
88) Benzo(k)fluoranthene	17.32	252	5238m	0.71	ng		
89) Benzo(a)pyrene	17.69	252	4933	0.63	ng	#	93
90) Dibenzo(a,h)anthracene	19.16	278	4347	0.56	ng	#	88
91) Benzo(g,h,i)perylene	19.53	276	5037	0.64	ng		98

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

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