Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105328.D
Acq On : 12 May 2018 11:06
Operator : JU/SJ
Sample : J2133-02
Misc : LOO 20 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2018

Quant Time: May 14 06:42:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	158444	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	672415	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	309542	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	582134	20.00	ng		0.00
75) Chrysene-d12	14.00	240	519490	20.00	ng		-0.01
86) Perylene-d12	15.55	264	530623	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1184183	112.41	ng		0.00
7) Phenol-d6	6.43	99	1419226	113.38	ng		0.00
23) Nitrobenzene-d5	7.36	82	953634	82.54	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	446813	111.73	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1592937	74.17	ng		0.00
78) Terphenyl-d14	12.91	244	1639967	67.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	98000	20.534	ng		93
3) Pyridine	3.26	79	234332	18.921	ng		90
4) n-Nitrosodimethylamine	3.18	42	97167	16.027	ng		90
6) Aniline	6.46	93	335740	20.684	ng	#	87
8) 2-Chlorophenol	6.57	128	228225	20.397	ng		94
9) Benzaldehyde	6.35	77	165387	19.434	ng		96
10) Phenol	6.44	94	288433	20.196	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	235773	22.464	ng		97
12) 1,3-Dichlorobenzene	6.73	146	253750	20.601	ng		97
13) 1,4-Dichlorobenzene	6.81	146	264256	21.010	ng		98
14) 1,2-Dichlorobenzene	6.96	146	241715	20.853	ng		98
15) Benzyl Alcohol	6.93	79	197674	20.353	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	391815	21.249	ng		95
17) 2-Methylphenol	7.05	107	194381	20.579	ng		98
18) Hexachloroethane	7.30	117	92571	20.370	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	168480	21.294	ng		93
20) 3+4-Methylphenols	7.20	107	241489	21.474	ng	#	62
22) Acetophenone	7.20	105	327545	21.203	ng	#	85
24) Nitrobenzene	7.37	77	250892	20.625	ng		97
25) Isophorone	7.61	82	454326	20.777	ng		98
26) 2-Nitrophenol	7.69	139	125519	20.451	ng		94
27) 2,4-Dimethylphenol	7.73	122	202585	20.094	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	283040	21.103	ng		99
29) 2,4-Dichlorophenol	7.93	162	196930	20.845	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	204849	20.500	ng		100
31) Naphthalene	8.09	128	682592	20.848	ng		100
32) Benzoic acid	7.83	122	125052	16.697	ng		96
33) 4-Chloroaniline	8.15	127	287735	21.167	ng		98
34) Hexachlorobutadiene	8.21	225	108822	20.215	ng		97
35) Caprolactam	8.50	113	61083	20.921	ng		89
36) 4-Chloro-3-methylphenol	8.62	107	213088	20.953	ng		99
37) 2-Methylnaphthalene	8.79	142	468174	21.261	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	191378	20.493	ng		99
40) Hexachlorocyclopentadiene	8.93	237	122186	19.333	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	124989	19.683 ng		95
43) 2,4,5-Trichlorophenol	9.10	196	137336	20.014 ng		94
45) 1,1'-Biphenyl	9.25	154	577727	20.971 ng		100
46) 2-Chloronaphthalene	9.27	162	426060	20.649 ng		98
47) 2-Nitroaniline	9.37	65	143497	20.699 ng		87
48) Acenaphthylene	9.69	152	667996	21.122 ng		100
49) Dimethylphthalate	9.55	163	496992	20.914 ng		99
50) 2,6-Dinitrotoluene	9.61	165	109219	20.876 ng	#	90
51) Acenaphthene	9.86	154	445989	21.302 ng		97
52) 3-Nitroaniline	9.78	138	125038	20.742 ng		97
53) 2,4-Dinitrophenol	9.89	184	59133	19.232 ng	#	27
54) Dibenzofuran	10.03	168	593823	21.114 ng		97
55) 4-Nitrophenol	9.95	139	93930	19.050 ng		97
56) 2,4-Dinitrotoluene	10.02	165	142517	20.939 ng		95
57) Fluorene	10.37	166	460738	21.649 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	114743	20.239 ng		97
59) Diethylphthalate	10.25	149	490505	20.691 ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	206697	20.970 ng		96
61) 4-Nitroaniline	10.40	138	125325	20.794 ng		96
62) Azobenzene	10.53	77	484761	20.894 ng		96
64) 4,6-Dinitro-2-methylphenol	10.42	198	72317	20.718 ng		92
65) n-Nitrosodiphenylamine	10.49	169	412516	21.132 ng		100
66) 4-Bromophenyl-phenylether	10.86	248	132427	20.450 ng		91
67) Hexachlorobenzene	10.92	284	154482	20.871 ng	#	84
68) Atrazine	11.02	200	129429	20.860 ng		97
69) Pentachlorophenol	11.12	266	85420	19.127 ng		98
70) Phenanthrene	11.34	178	677178	20.641 ng		99
71) Anthracene	11.39	178	733794	21.608 ng		99
72) Carbazole	11.54	167	641458	21.581 ng		99
73) Di-n-butylphthalate	11.87	149	778746	21.218 ng		99
74) Fluoranthene	12.53	202	716140	21.959 ng		98
76) Benzidine	12.66	184	401892	19.233 ng		98
77) Pyrene	12.76	202	731122	18.237 ng		99
79) Butylbenzylphthalate	13.39	149	333776	18.900 ng		99
80) Benzo(a)anthracene	13.99	228	611067	20.146 ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	241734	20.711 ng		98
82) Chrysene	14.03	228	615628	20.599 ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	439714	20.563 ng		98
84) Di-n-octyl phthalate	14.67	149	788503	22.449 ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	640851	23.551 ng		98
87) Benzo(b)fluoranthene	15.13	252	618583	19.558 ng		99
88) Benzo(k)fluoranthene	15.16	252	629235	20.573 ng		97
89) Benzo(a)pyrene	15.49	252	608450	20.660 ng		99
90) Dibenzo(a,h)anthracene	17.02	278	560387	20.291 ng		97
91) Benzo(g,h,i)perylene	17.44	276	529920	19.964 ng		96

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

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