Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105157.D
Acq On : 8 May 2018 21:12
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:58 PM

Quant Time: May 09 09:09:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	213929	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	832307	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	416284	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	805480	20.00	ng		0.00
75) Chrysene-d12	13.99	240	696167	20.00	ng		-0.02
86) Perylene-d12	15.53	264	613534	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1596440	122.94	ng		0.00
7) Phenol-d6	6.42	99	1920996	124.24	ng		0.00
23) Nitrobenzene-d5	7.36	82	1106064	90.07	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	609207	132.65	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2007875	74.86	ng		0.00
78) Terphenyl-d14	12.90	244	2252957	75.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	8845	1.288	ng		91
3) Pyridine	3.37	79	16532	0.898	ng	#	87
4) n-Nitrosodimethylamine	3.20	42	7261	0.778	ng	#	74
6) Aniline	6.46	93	21843	0.967	ng		93
8) 2-Chlorophenol	6.57	128	14725	1.069	ng		90
9) Benzaldehyde	6.35	77	7072	0.597	ng		94
10) Phenol	6.43	94	17683	1.028	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	15254	1.076	ng		89
12) 1,3-Dichlorobenzene	6.73	146	19157	1.154	ng		97
13) 1,4-Dichlorobenzene	6.81	146	18687	1.126	ng		98
14) 1,2-Dichlorobenzene	6.96	146	18007	1.176	ng		98
15) Benzyl Alcohol	6.93	79	11854	1.002	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	28062	1.065	ng		98
17) 2-Methylphenol	7.03	107	12560	1.056	ng		95
18) Hexachloroethane	7.30	117	5917	1.107	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	10968	1.071	ng	#	91
20) 3+4-Methylphenols	7.19	107	16284	1.165	ng		88
22) Acetophenone	7.19	105	23266	1.199	ng	#	91
24) Nitrobenzene	7.37	77	19898	1.429	ng		94
25) Isophorone	7.60	82	26456m	0.963	ng		
26) 2-Nitrophenol	7.69	139	4610	10.582	ng		96
27) 2,4-Dimethylphenol	7.72	122	10679	0.875	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	17640	1.041	ng	#	97
29) 2,4-Dichlorophenol	7.92	162	10872	0.952	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	15826	1.202	ng		96
31) Naphthalene	8.09	128	47705	1.190	ng		97
32) Benzoic acid	7.75	122	3516	9.621	ng		97
33) 4-Chloroaniline	8.14	127	15886	0.953	ng		98
34) Hexachlorobutadiene	8.21	225	9173	1.202	ng		97
35) Caprolactam	8.46	113	2422	0.698	ng	#	50
36) 4-Chloro-3-methylphenol	8.60	107	10654	0.896	ng		96
37) 2-Methylnaphthalene	8.78	142	31849	1.140	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	16308	1.231	ng		98
40) Hexachlorocyclopentadiene	8.93	237	6083	0.849	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	7108	0.879	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	7852	0.930	ng		97
45) 1,1'-Biphenyl	9.25	154	49683	1.465	ng		97
46) 2-Chloronaphthalene	9.27	162	31132	1.228	ng		99
47) 2-Nitroaniline	9.36	65	5188	6.424	ng		90
48) Acenaphthylene	9.69	152	45685	1.167	ng		99
49) Dimethylphthalate	9.54	163	34355	1.219	ng		97
50) 2,6-Dinitrotoluene	9.60	165	4694	0.768	ng		95
51) Acenaphthene	9.86	154	29919	1.186	ng		95
52) 3-Nitroaniline	9.77	138	5569	0.865	ng	#	97
53) 2,4-Dinitrophenol	9.87	184	546	9.645	ng	#	19
54) Dibenzofuran	10.03	168	43258	1.172	ng		97
55) 4-Nitrophenol	9.92	139	2988	4.788	ng		95
56) 2,4-Dinitrotoluene	10.00	165	5035	4.181	ng	#	98
57) Fluorene	10.37	166	34362	1.269	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	6408m	0.850	ng		
59) Diethylphthalate	10.25	149	31576	1.140	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	16791	1.333	ng		89
61) 4-Nitroaniline	10.37	138	4583	0.715	ng	#	81
62) Azobenzene	10.53	77	30210	1.046	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	1502	9.287	ng		89
65) n-Nitrosodiphenylamine	10.49	169	27996	1.115	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	9772	1.138	ng		90
67) Hexachlorobenzene	10.92	284	12432	1.256	ng	#	87
68) Atrazine	11.00	200	5847	0.743	ng		88
69) Pentachlorophenol	11.11	266	3902	3.867	ng		93
70) Phenanthrene	11.33	178	52124	1.227	ng		97
71) Anthracene	11.39	178	47321	1.097	ng		99
72) Carbazole	11.54	167	43527	1.119	ng		97
73) Di-n-butylphthalate	11.87	149	37022	0.890	ng		99
74) Fluoranthene	12.52	202	49295	1.114	ng		94
76) Benzidine	12.64	184	4076m	0.157	ng		
77) Pyrene	12.75	202	52660	1.040	ng		94
79) Butylbenzylphthalate	13.39	149	9912	7.363	ng		91
80) Benzo(a)anthracene	13.98	228	45090	1.068	ng		96
81) 3,3'-Dichlorobenzidine	13.94	252	8583	0.541	ng		89
82) Chrysene	14.02	228	48473	1.115	ng		95
83) Bis(2-ethylhexyl)phthalate	13.98	149	14726	0.703	ng	#	96
84) Di-n-octyl phthalate	14.66	149	15511	7.262	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.95	276	28769	0.835	ng		94
87) Benzo(b)fluoranthene	15.09	252	37287	0.993	ng		98
88) Benzo(k)fluoranthene	15.12	252	37287m	1.024	ng		
89) Benzo(a)pyrene	15.46	252	29817	0.873	ng	#	95
90) Dibenzo(a,h)anthracene	16.97	278	22473	0.848	ng		98
91) Benzo(g,h,i)perylene	17.39	276	22728	0.876	ng	#	94

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

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