Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105159.D
Acq On : 8 May 2018 22:05
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 09 08:32:30 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	200907	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	798116	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	392976	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	774420	20.00	ng		0.00
75) Chrysene-d12	14.00	240	666629	20.00	ng		-0.01
86) Perylene-d12	15.54	264	589877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1552461	127.30	ng		0.00
7) Phenol-d6	6.42	99	1842744	126.90	ng		0.00
23) Nitrobenzene-d5	7.36	82	1115618	94.73	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	603441	139.18	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2018461	79.72	ng		0.00
78) Terphenyl-d14	12.91	244	2254077	78.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	33702	5.227	ng		96
3) Pyridine	3.30	79	82258	4.757	ng	#	87
4) n-Nitrosodimethylamine	3.18	42	37991	4.335	ng	#	90
6) Aniline	6.46	93	108606	5.121	ng		97
8) 2-Chlorophenol	6.57	128	71228	5.506	ng		97
9) Benzaldehyde	6.35	77	33199	2.983	ng		93
10) Phenol	6.43	94	81200	5.025	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	71077	5.337	ng		91
12) 1,3-Dichlorobenzene	6.73	146	88874	5.700	ng		98
13) 1,4-Dichlorobenzene	6.81	146	88904	5.702	ng		96
14) 1,2-Dichlorobenzene	6.96	146	82935	5.766	ng		98
15) Benzyl Alcohol	6.93	79	76307	6.866	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	130790	5.284	ng		98
17) 2-Methylphenol	7.03	107	60430	5.410	ng		97
18) Hexachloroethane	7.30	117	27926	5.566	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	54092	5.626	ng		89
20) 3+4-Methylphenols	7.19	107	81002	6.171	ng		94
22) Acetophenone	7.20	105	114066	6.131	ng	#	96
24) Nitrobenzene	7.37	77	81640	6.114	ng		100
25) Isophorone	7.60	82	133158	5.056	ng		95
26) 2-Nitrophenol	7.69	139	25669	13.737	ng		92
27) 2,4-Dimethylphenol	7.72	122	53392	4.562	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	84072	5.173	ng		97
29) 2,4-Dichlorophenol	7.92	162	57660	5.266	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	74520	5.901	ng		99
31) Naphthalene	8.09	128	225641	5.872	ng		99
32) Benzoic acid	7.77	122	28612	13.132	ng		94
33) 4-Chloroaniline	8.14	127	86074	5.386	ng		98
34) Hexachlorobutadiene	8.21	225	43206	5.906	ng		99
35) Caprolactam	8.47	113	16089	4.838	ng	#	57
36) 4-Chloro-3-methylphenol	8.61	107	58646	5.144	ng		94
37) 2-Methylnaphthalene	8.78	142	154206	5.757	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	76120	6.087	ng		97
40) Hexachlorocyclopentadiene	8.93	237	31880	4.715	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	40967	5.370 ng		98
43) 2,4,5-Trichlorophenol	9.09	196	45318	5.685 ng		89
45) 1,1'-Biphenyl	9.25	154	208523	6.513 ng		99
46) 2-Chloronaphthalene	9.27	162	146525	6.123 ng		98
47) 2-Nitroaniline	9.36	65	33496	10.072 ng		86
48) Acenaphthylene	9.69	152	225770	6.109 ng		99
49) Dimethylphthalate	9.55	163	164724	6.192 ng		100
50) 2,6-Dinitrotoluene	9.60	165	32715	5.667 ng		96
51) Acenaphthene	9.86	154	145068	6.090 ng		97
52) 3-Nitroaniline	9.77	138	33735	5.548 ng		89
53) 2,4-Dinitrophenol	9.87	184	5778	13.068 ng	#	25
54) Dibenzofuran	10.03	168	207288	5.949 ng		97
55) 4-Nitrophenol	9.92	139	21445	8.009 ng		90
56) 2,4-Dinitrotoluene	10.00	165	39232	8.336 ng		95
57) Fluorene	10.37	166	163457	6.397 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	36010	5.060 ng	#	88
59) Diethylphthalate	10.25	149	161781	6.188 ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	79045	6.645 ng	#	88
61) 4-Nitroaniline	10.38	138	32460	5.365 ng		91
62) Azobenzene	10.53	77	155490	5.701 ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	12308	13.099 ng		85
65) n-Nitrosodiphenylamine	10.49	169	138822	5.751 ng		98
66) 4-Bromophenyl-phenylether	10.86	248	46777	5.664 ng	#	88
67) Hexachlorobenzene	10.92	284	57453	6.037 ng	#	86
68) Atrazine	11.00	200	28686	3.791 ng		96
69) Pentachlorophenol	11.11	266	26482	7.750 ng		99
70) Phenanthrene	11.33	178	245337	6.009 ng		97
71) Anthracene	11.39	178	240828	5.805 ng		98
72) Carbazole	11.54	167	221966	5.938 ng		98
73) Di-n-butylphthalate	11.87	149	229645	5.744 ng		98
74) Fluoranthene	12.52	202	250296	5.883 ng		97
76) Benzidine	12.65	184	40161	1.613 ng	#	87
77) Pyrene	12.75	202	259371	5.349 ng		99
79) Butylbenzylphthalate	13.39	149	76495	10.637 ng		100
80) Benzo(a)anthracene	13.99	228	222609	5.506 ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	59885	3.940 ng		96
82) Chrysene	14.03	228	225691	5.421 ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	114814	5.727 ng		99
84) Di-n-octyl phthalate	14.68	149	143263	10.088 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	150409	4.559 ng		94
87) Benzo(b)fluoranthene	15.12	252	185230	5.133 ng		98
88) Benzo(k)fluoranthene	15.14	252	207482	5.929 ng	#	94
89) Benzo(a)pyrene	15.48	252	168960	5.148 ng		96
90) Dibenzo(a,h)anthracene	17.00	278	126523	4.963 ng		96
91) Benzo(g,h,i)perylene	17.41	276	121047	4.854 ng		95

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

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