Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105161.D
Acq On : 8 May 2018 22:58
Operator : JU/SJ
Sample : J2133-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2018

Quant Time: May 09 09:18:22 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	198474	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	787522	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	394654	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	783219	20.00	ng		0.00
75) Chrysene-d12	13.99	240	659730	20.00	ng		-0.02
86) Perylene-d12	15.53	264	560986	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1526115	126.68	ng		0.00
7) Phenol-d6	6.42	99	1797794	125.33	ng		0.00
23) Nitrobenzene-d5	7.36	82	1051355	90.48	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	589332	135.35	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1935818	76.13	ng		0.00
78) Terphenyl-d14	12.91	244	2139466	75.33	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.46	93	20068	0.958	ng		91
8) 2-Chlorophenol	6.57	128	14171	1.109	ng		96
9) Benzaldehyde	6.35	77	5788	0.526	ng		94
10) Phenol	6.43	94	17886	1.120	ng	#	1
11) bis(2-Chloroethyl)ether	6.53	93	13995	1.064	ng		85
12) 1,3-Dichlorobenzene	6.73	146	18349	1.191	ng		98
13) 1,4-Dichlorobenzene	6.81	146	17876	1.161	ng		94
14) 1,2-Dichlorobenzene	6.96	146	16484	1.160	ng		94
15) Benzyl Alcohol	6.92	79	10194	0.929	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.06	45	25375	1.038	ng		94
18) Hexachloroethane	7.30	117	5591	1.128	ng		97
24) Nitrobenzene	7.37	77	18649	1.415	ng		97
31) Naphthalene	8.09	128	44664	1.178	ng		99
34) Hexachlorobutadiene	8.21	225	8535	1.182	ng		94
37) 2-Methylnaphthalene	8.78	142	29469	1.115	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	14740	1.174	ng		96
45) 1,1'-Biphenyl	9.25	154	45912	1.428	ng		97
46) 2-Chloronaphthalene	9.27	162	29143	1.213	ng		96
47) 2-Nitroaniline	9.36	65	4845	6.414	ng		88
48) Acenaphthylene	9.69	152	43168	1.163	ng		97
49) Dimethylphthalate	9.54	163	32008	1.198	ng		99
50) 2,6-Dinitrotoluene	9.60	165	4570	0.788	ng		93
51) Acenaphthene	9.86	154	27340	1.143	ng		97
54) Dibenzofuran	10.03	168	40653	1.162	ng		96
57) Fluorene	10.37	166	32804	1.278	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	5523	0.773	ng	#	91
59) Diethylphthalate	10.25	149	29115	1.109	ng		99
62) Azobenzene	10.53	77	28046	1.024	ng		95
65) n-Nitrosodiphenylamine	10.49	169	26363	1.080	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	9304	1.114	ng	#	83
67) Hexachlorobenzene	10.92	284	10827	1.125	ng	#	86
68) Atrazine	11.00	200	4866	0.636	ng		97
70) Phenanthrene	11.33	178	50354	1.219	ng		97
71) Anthracene	11.39	178	45368	1.081	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.54	167	41164	1.089	ng		98
73) Di-n-butylphthalate	11.87	149	34134	0.844	ng		99
74) Fluoranthene	12.52	202	45107	1.048	ng		96
77) Pyrene	12.75	202	48728	1.015	ng		97
79) Butylbenzylphthalate	13.39	149	8722	7.330	ng		93
80) Benzo(a)anthracene	13.98	228	40751	1.018	ng		99
82) Chrysene	14.02	228	44052	1.069	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	12491	0.630	ng		99
84) Di-n-octyl phthalate	14.67	149	12450	7.212	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.96	276	24027	0.736	ng	#	86
87) Benzo(b)fluoranthene	15.10	252	31855	0.928	ng		96
88) Benzo(k)fluoranthene	15.10	252	31855	0.957	ng		96
89) Benzo(a)pyrene	15.46	252	27244	0.873	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	20679	0.853	ng		96
91) Benzo(g,h,i)perylene	17.39	276	20334	0.857	ng		97

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

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