Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103194.D
Acq On : 23 Feb 2018 12:52
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-S-1ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 23 13:32:00 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178708	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	781737	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	363678	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	649606	20.00	ng		0.00
75) Chrysene-d12	14.08	240	480546	20.00	ng		0.03
86) Perylene-d12	15.63	264	464650	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1334427	112.93	ng		0.00
7) Phenol-d6	6.50	99	1637811	113.28	ng		0.00
23) Nitrobenzene-d5	7.44	82	1200917	87.73	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	369620	120.07	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1776373	83.86	ng		0.00
78) Terphenyl-d14	12.99	244	1478739	73.97	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.49	42	983	0.146	ng	#	42
6) Aniline	6.54	93	21927	1.051	ng	#	85
8) 2-Chlorophenol	6.66	128	13666	1.113	ng		93
9) Benzaldehyde	6.43	77	7715	0.172	ng		94
10) Phenol	6.52	94	18386	1.095	ng		82
11) bis(2-Chloroethyl)ether	6.60	93	14608	1.147	ng		91
12) 1,3-Dichlorobenzene	6.81	146	15633	1.114	ng		97
13) 1,4-Dichlorobenzene	6.89	146	16237	1.155	ng		97
14) 1,2-Dichlorobenzene	6.89	146	16237	1.252	ng		96
15) Benzyl Alcohol	7.02	79	28668	2.631	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.14	45	24471	1.119	ng		84
18) Hexachloroethane	7.38	117	5320	1.039	ng		92
24) Nitrobenzene	7.45	77	19807	1.314	ng		93
31) Naphthalene	8.17	128	43868	1.146	ng		99
34) Hexachlorobutadiene	8.29	225	6454	1.121	ng		94
37) 2-Methylnaphthalene	8.87	142	29202	1.181	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	10759	1.082	ng		99
45) 1,1'-Biphenyl	9.33	154	40306	1.323	ng		97
46) 2-Chloronaphthalene	9.36	162	28011	1.162	ng		98
47) 2-Nitroaniline	9.46	65	8405	0.941	ng	#	79
48) Acenaphthylene	9.77	152	43367	1.169	ng		99
49) Dimethylphthalate	9.62	163	32187	1.103	ng		99
50) 2,6-Dinitrotoluene	9.69	165	6051	0.988	ng		89
51) Acenaphthene	9.94	154	25971	1.201	ng		97
54) Dibenzofuran	10.12	168	37212	1.253	ng		97
57) Fluorene	10.46	166	29837	1.180	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	4954	0.958	ng	#	97
59) Diethylphthalate	10.32	149	31919	1.144	ng		98
62) Azobenzene	10.61	77	33119	1.166	ng		98
65) n-Nitrosodiphenylamine	10.56	169	25652	1.134	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	6971	1.030	ng		95
67) Hexachlorobenzene	11.00	284	7938	1.081	ng		93
68) Atrazine	11.09	200	6142	0.903	ng		94
70) Phenanthrene	11.42	178	42000	1.175	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	11.47	178	41301	1.127	ng		98
72) Carbazole	11.64	167	39014	1.069	ng		99
73) Di-n-butylphthalate	11.95	149	50381	1.103	ng		98
74) Fluoranthene	12.62	202	39424	1.097	ng		97
77) Pyrene	12.85	202	41193	1.099	ng		97
79) Butylbenzylphthalate	13.46	149	18454	0.932	ng		97
80) Benzo(a)anthracene	14.07	228	32962	1.057	ng		99
82) Chrysene	14.10	228	33176	1.096	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	27604	1.033	ng	#	97
84) Di-n-octyl phthalate	14.71	149	43456	1.007	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.16	276	25829	1.078	ng	#	91
87) Benzo(b)fluoranthene	15.19	252	28153	0.922	ng	#	97
88) Benzo(k)fluoranthene	15.19	252	28153	0.979	ng		97
89) Benzo(a)pyrene	15.56	252	26941	0.988	ng	#	93
90) Dibenzo(a,h)anthracene	17.17	278	21396	1.015	ng		98
91) Benzo(g,h,i)perylene	17.62	276	22240	1.079	ng	#	94

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

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