Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017172.D
Acq On : 17 Oct 2018 23:35
Operator : MJ/SJ
Sample : J5164-07
Misc : LOD 1 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 18 15:13:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	187077	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	759349	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	437027	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1021786	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1178991	20.00	ng		0.00
87) Perylene-d12	23.47	264	1176124	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1548128	139.96	ng		0.00
7) Phenol-d6	6.85	99	2005012	133.10	ng		0.00
23) Nitrobenzene-d5	8.82	82	1150228	88.59	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	855439	144.74	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2809024	85.52	ng		0.00
79) Terphenyl-d14	19.70	244	4380660	83.75	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.02	93	11249	0.597	ng		95
8) 2-Chlorophenol	7.24	128	13207	1.032	ng		83
9) Benzaldehyde	6.83	77	14132	1.471	ng	#	76
10) Phenol	6.87	94	15117	0.932	ng	#	54
11) bis(2-Chloroethyl)ether	7.11	93	12159	0.941	ng		95
12) 1,3-Dichlorobenzene	7.56	146	14781	0.991	ng		95
13) 1,4-Dichlorobenzene	7.71	146	14565	0.956	ng		96
14) 1,2-Dichlorobenzene	8.02	146	14964	1.019	ng		96
15) Benzyl Alcohol	7.92	79	9794	0.889	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.21	45	16961	0.939	ng		94
18) Hexachloroethane	8.73	117	5315	1.019	ng		82
24) Nitrobenzene	8.86	77	15198	1.107	ng	#	87
31) Naphthalene	10.50	128	39684	1.066	ng		98
34) Hexachlorobutadiene	10.77	225	9395	1.123	ng	#	84
37) 2-Methylnaphthalene	12.12	142	28054	1.102	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	15415	1.002	ng		94
46) 1,1'-Biphenyl	13.15	154	41616	1.058	ng		95
47) 2-Chloronaphthalene	13.18	162	27911	0.965	ng		97
48) 2-Nitroaniline	13.40	65	4874	6.213	ng	#	78
49) Acenaphthylene	14.03	152	38069	0.908	ng		96
50) Dimethylphthalate	13.78	163	34380	1.020	ng	#	97
51) 2,6-Dinitrotoluene	13.90	165	4684	0.631	ng	#	74
52) Acenaphthene	14.37	154	27082	1.029	ng		94
55) Dibenzofuran	14.72	168	42821	0.978	ng		98
58) Fluorene	15.37	166	32669	1.008	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.95	232	6713	0.769	ng	#	94
60) Diethylphthalate	15.15	149	31861	0.953	ng		98
63) Azobenzene	15.66	77	25488	0.784	ng		95
66) n-Nitrosodiphenylamine	15.59	169	24826	0.803	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	10976	0.978	ng		94
68) Hexachlorobenzene	16.37	284	12359	0.948	ng		96
69) Atrazine	16.54	200	8051	0.728	ng		96
71) Phenanthrene	17.10	178	58837	1.067	ng		97
72) Anthracene	17.20	178	51079	0.975	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.47	167	41156	0.769	ng		98
74) Di-n-butylphthalate	18.04	149	40294	0.714	ng	#	98
75) Fluoranthene	19.13	202	61936	0.998	ng		98
78) Pyrene	19.49	202	63438	0.963	ng		99
80) Butylbenzylphthalate	20.40	149	14798	7.678	ng	#	86
81) Benzo(a)anthracene	21.24	228	69260	1.044	ng		95
83) Chrysene	21.29	228	67399	1.026	ng		98
84) Bis(2-ethylhexyl)phthalate	21.18	149	25306	5.895	ng		96
85) Di-n-octyl phthalate	22.06	149	41205	6.132	ng	#	97
86) Indeno(1,2,3-cd)pyrene	25.69	276	72878	0.992	ng		98
88) Benzo(b)fluoranthene	22.81	252	65685	1.021	ng		94
89) Benzo(k)fluoranthene	22.85	252	65190	1.010	ng		98
90) Benzo(a)pyrene	23.37	252	62088	1.017	ng	#	94
91) Dibenzo(a,h)anthracene	25.69	278	63277	1.044	ng		97
92) Benzo(g,h,i)perylene	26.36	276	63337	1.054	ng		94

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

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