Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015252.D
Acq On : 22 May 2018 22:26
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 1 PPM
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 23 14:24:52 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	198652	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	788740	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	404521	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	843656	20.00	ng		0.00
75) Chrysene-d12	21.83	240	829879	20.00	ng		0.00
86) Perylene-d12	24.27	264	838037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1652052	136.06	ng		0.00
7) Phenol-d6	7.55	99	2091775	132.30	ng		0.00
23) Nitrobenzene-d5	9.59	82	1201690	83.46	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	715727	141.10	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2667103	81.96	ng		0.00
78) Terphenyl-d14	20.29	244	3481618	92.64	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.73	93	16116	0.827	ng		95
8) 2-Chlorophenol	7.96	128	13219	0.965	ng		88
9) Benzaldehyde	7.55	77	10014	1.001	ng	#	52
10) Phenol	7.57	94	15496	0.965	ng	#	67
11) bis(2-Chloroethyl)ether	7.82	93	12006	0.943	ng		94
12) 1,3-Dichlorobenzene	8.30	146	15312	0.980	ng		96
13) 1,4-Dichlorobenzene	8.45	146	15724	0.995	ng	#	95
14) 1,2-Dichlorobenzene	8.76	146	15379	1.026	ng	#	93
15) Benzyl Alcohol	8.66	79	8572	0.750	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.94	45	20158	1.003	ng		99
18) Hexachloroethane	9.50	117	4981	0.888	ng		90
24) Nitrobenzene	9.63	77	15571	1.039	ng		97
31) Naphthalene	11.29	128	40905	0.998	ng		98
34) Hexachlorobutadiene	11.56	225	8462	1.046	ng		96
37) 2-Methylnaphthalene	12.87	142	24868	0.875	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	14010	0.983	ng	#	100
45) 1,1'-Biphenyl	13.86	154	40301	1.139	ng		97
46) 2-Chloronaphthalene	13.91	162	26614	0.977	ng		94
47) 2-Nitroaniline	14.12	65	4667	0.601	ng	#	74
48) Acenaphthylene	14.75	152	32908	0.813	ng		98
49) Dimethylphthalate	14.46	163	29840	0.924	ng	#	95
50) 2,6-Dinitrotoluene	14.59	165	4147	0.616	ng		93
51) Acenaphthene	15.08	154	25586	1.015	ng		92
54) Dibenzofuran	15.41	168	39088	0.984	ng		98
57) Fluorene	16.05	166	28211	0.898	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.63	232	4397	0.555	ng	#	100
59) Diethylphthalate	15.80	149	27226	0.856	ng		98
62) Azobenzene	16.33	77	20760	0.687	ng		90
65) n-Nitrosodiphenylamine	16.25	169	22254	0.821	ng		98
66) 4-Bromophenyl-phenylether	16.92	248	7830	0.831	ng	#	79
67) Hexachlorobenzene	17.04	284	10476	0.965	ng	#	88
68) Atrazine	17.17	200	4499	0.523	ng		91
70) Phenanthrene	17.78	178	47233	0.983	ng		99
71) Anthracene	17.87	178	39285	0.820	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.13	167	33366	0.787	ng		98
73) Di-n-butylphthalate	18.65	149	34673	0.694	ng	#	97
74) Fluoranthene	19.75	202	45454	0.862	ng		95
77) Pyrene	20.11	202	47557	0.908	ng		98
79) Butylbenzylphthalate	20.95	149	14580	0.682	ng		92
80) Benzo(a)anthracene	21.82	228	48559	0.929	ng		97
82) Chrysene	21.87	228	49254	1.000	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	20191	0.649	ng		96
84) Di-n-octyl phthalate	22.63	149	32540	0.598	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.79	276	51555	0.865	ng	#	91
87) Benzo(b)fluoranthene	23.52	252	48471	0.914	ng		96
88) Benzo(k)fluoranthene	23.57	252	44972	0.897	ng	#	87
89) Benzo(a)pyrene	24.16	252	41142	0.832	ng	#	91
90) Dibenzo(a,h)anthracene	26.79	278	44752	0.887	ng		98
91) Benzo(g,h,i)perylene	27.57	276	43774	0.891	ng		96

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

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