Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009330.D
Acq On : 22 Mar 2017 22:23
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:16:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	167312	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	618424	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	347977	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	798680	20.00	ng		0.00
75) Chrysene-d12	21.42	240	1041668	20.00	ng		0.00
86) Perylene-d12	23.75	264	970805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1433375	142.80	ng		0.00
7) Phenol-d6	7.02	99	1942964	141.95	ng		0.00
23) Nitrobenzene-d5	9.03	82	1514536	91.82	ng		0.00
41) 2,4,6-Tribromophenol	15.99	330	638233	147.64	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	2734763	94.70	ng		0.00
78) Terphenyl-d14	19.87	244	4140244	83.05	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.19	93	18011	0.97	ng	#	94
8) 2-Chlorophenol	7.42	128	10348	1.02	ng	#	61
9) Benzaldehyde	7.02	77	16345	1.52	ng	#	50
10) Phenol	7.04	94	16680	1.12	ng	#	63
11) bis(2-Chloroethyl)ether	7.28	93	12793	1.05	ng		93
12) 1,3-Dichlorobenzene	7.75	146	12330	1.01	ng	#	63
13) 1,4-Dichlorobenzene	7.89	146	12648	1.00	ng		94
14) 1,2-Dichlorobenzene	8.21	146	12557	1.03	ng	#	89
15) Benzyl Alcohol	8.10	79	11910	1.00	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.39	45	19825	0.94	ng		97
18) Hexachloroethane	8.93	117	4743	0.92	ng		96
24) Nitrobenzene	9.07	77	18475	1.14	ng	#	82
31) Naphthalene	10.70	128	33619	1.02	ng		98
34) Hexachlorobutadiene	10.98	225	8157	1.03	ng	#	65
37) 2-Methylnaphthalene	12.32	142	20300	0.90	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	12692	0.97	ng	#	100
45) 1,1'-Biphenyl	13.33	154	32594	1.13	ng		95
46) 2-Chloronaphthalene	13.38	162	22575	1.00	ng		94
47) 2-Nitroaniline	13.59	65	6606	0.80	ng	#	73
48) Acenaphthylene	14.23	152	30726	0.84	ng		96
49) Dimethylphthalate	13.96	163	27443	1.03	ng		99
50) 2,6-Dinitrotoluene	14.09	165	4405	0.77	ng	#	83
51) Acenaphthene	14.57	154	22572	1.02	ng		97
54) Dibenzofuran	14.90	168	34528	1.06	ng		95
57) Fluorene	15.55	166	27250	0.93	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	5412	0.76	ng	#	100
59) Diethylphthalate	15.32	149	24998	0.92	ng	#	94
62) Azobenzene	15.83	77	22658	0.72	ng		92
65) n-Nitrosodiphenylamine	15.76	169	20103	0.83	ng		94
66) 4-Bromophenyl-phenylether	16.44	248	8103	0.88	ng	#	81
67) Hexachlorobenzene	16.55	284	11261	1.11	ng	#	85
68) Atrazine	16.70	200	7795	0.85	ng	#	76
70) Phenanthrene	17.29	178	44843	0.98	ng		97
71) Anthracene	17.38	178	40963	0.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.66	167	38956	0.88	ng	#	87
73) Di-n-butylphthalate	18.20	149	34888	0.77	ng	#	97
74) Fluoranthene	19.30	202	49678	0.92	ng		94
77) Pyrene	19.67	202	53053	0.90	ng		98
79) Butylbenzylphthalate	20.56	149	16152	0.76	ng	#	78
80) Benzo(a)anthracene	21.41	228	61950	1.02	ng		97
82) Chrysene	21.46	228	59775	1.03	ng		94
83) Bis(2-ethylhexyl)phthalate	21.32	149	24438	0.77	ng		96
84) Di-n-octyl phthalate	22.22	149	39480	0.75	ng	#	76
85) Indeno(1,2,3-cd)pyrene	26.11	276	63868	1.01	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	58803	0.96	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	56984m	0.96	ng		
89) Benzo(a)pyrene	23.64	252	52033	0.91	ng		99
90) Dibenzo(a,h)anthracene	26.13	278	56785	1.02	ng	#	93
91) Benzo(g,h,i)perylene	26.84	276	54874	1.01	ng	#	93

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

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