Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009334.D
Acq On : 23 Mar 2017 00:46
Operator : SJ/MA
Sample : I2296-06
Misc : LOQ 20 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-06-QT2-2017

Quant Time: Mar 23 04:13:37 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	204600	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	757613	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	438374	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	1011701	20.00	ng		0.00
75) Chrysene-d12	21.43	240	1297324	20.00	ng		0.00
86) Perylene-d12	23.75	264	1191591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1607177	130.93	ng		0.00
7) Phenol-d6	7.02	99	2186234	130.61	ng		0.00
23) Nitrobenzene-d5	9.03	82	1955744	96.79	ng		0.00
41) 2,4,6-Tribromophenol	16.00	330	799801	146.86	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	3640507	100.07	ng		0.00
78) Terphenyl-d14	19.87	244	5669354	91.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	111345	18.04	ng	#	100
3) Pyridine	3.76	79	320672	18.38	ng	#	80
4) n-Nitrosodimethylamine	3.68	42	168598	18.16	ng	#	63
6) Aniline	7.19	93	422245	18.56	ng		90
8) 2-Chlorophenol	7.42	128	244179	19.62	ng		85
9) Benzaldehyde	7.01	77	245531	18.64	ng		85
10) Phenol	7.05	94	339870	18.74	ng		93
11) bis(2-Chloroethyl)ether	7.29	93	279205	18.78	ng		86
12) 1,3-Dichlorobenzene	7.75	146	282806	18.98	ng	#	84
13) 1,4-Dichlorobenzene	7.89	146	295010	19.16	ng	#	94
14) 1,2-Dichlorobenzene	8.21	146	279475	18.69	ng	#	94
15) Benzyl Alcohol	8.10	79	272367	18.61	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.39	45	475377	18.40	ng		94
17) 2-Methylphenol	8.29	107	227565	19.18	ng	#	84
18) Hexachloroethane	8.93	117	120250	19.09	ng		90
19) n-Nitroso-di-n-propylamine	8.66	70	246951	18.30	ng	#	90
20) 3+4-Methylphenols	8.62	107	304510	18.87	ng		87
22) Acetophenone	8.69	105	411745	19.27	ng	#	87
24) Nitrobenzene	9.07	77	391124	19.76	ng		91
25) Isophorone	9.58	82	594977	19.30	ng	#	88
26) 2-Nitrophenol	9.77	139	118387	19.83	ng	#	53
27) 2,4-Dimethylphenol	9.82	122	202721	18.56	ng	#	83
28) bis(2-Chloroethoxy)methane	10.06	93	367785	19.27	ng		98
29) 2,4-Dichlorophenol	10.30	162	220436	19.31	ng		90
30) 1,2,4-Trichlorobenzene	10.52	180	278108	19.63	ng		97
31) Naphthalene	10.71	128	778623	19.36	ng		100
32) Benzoic acid	9.92	122	131615	17.72	ng	#	76
33) 4-Chloroaniline	10.82	127	298404	19.24	ng	#	82
34) Hexachlorobutadiene	10.98	225	187802	19.36	ng		93
35) Caprolactam	11.60	113	62748	18.00	ng	#	68
36) 4-Chloro-3-methylphenol	11.93	107	253893	19.65	ng	#	86
37) 2-Methylnaphthalene	12.32	142	536269	19.32	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	325622	19.67	ng	#	100
40) Hexachlorocyclopentadiene	12.66	237	172431	18.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	187408	19.80	ng		97
43) 2,4,5-Trichlorophenol	12.99	196	205275	19.44	ng	#	88
45) 1,1'-Biphenyl	13.33	154	725856	19.89	ng		97
46) 2-Chloronaphthalene	13.37	162	557042	19.66	ng	#	92
47) 2-Nitroaniline	13.59	65	211671	20.27	ng	#	67
48) Acenaphthylene	14.23	152	914419	19.81	ng		98
49) Dimethylphthalate	13.96	163	676255	20.09	ng	#	99
50) 2,6-Dinitrotoluene	14.08	165	143044	19.72	ng	#	59
51) Acenaphthene	14.57	154	547565	19.66	ng		99
52) 3-Nitroaniline	14.42	138	146388	20.49	ng	#	61
53) 2,4-Dinitrophenol	14.62	184	76899	20.11	ng		97
54) Dibenzofuran	14.90	168	811419	19.70	ng		92
55) 4-Nitrophenol	14.71	139	112335	19.02	ng	#	20
56) 2,4-Dinitrotoluene	14.87	165	200732	20.46	ng		96
57) Fluorene	15.55	166	724855	19.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	181433	20.32	ng	#	100
59) Diethylphthalate	15.32	149	680011	19.92	ng		99
60) 4-Chlorophenyl-phenylether	15.55	204	386697	20.01	ng		94
61) 4-Nitroaniline	15.58	138	151862	19.57	ng	#	33
62) Azobenzene	15.84	77	810536	20.33	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	118913	18.66	ng		92
65) n-Nitrosodiphenylamine	15.76	169	609280	19.83	ng		96
66) 4-Bromophenyl-phenylether	16.44	248	240205	20.49	ng	#	90
67) Hexachlorobenzene	16.55	284	245810	19.13	ng	#	87
68) Atrazine	16.70	200	230968	19.98	ng		94
69) Pentachlorophenol	16.89	266	148916	18.97	ng		96
70) Phenanthrene	17.29	178	1136267	19.64	ng		98
71) Anthracene	17.38	178	1143526	19.52	ng		99
72) Carbazole	17.66	167	1104470	19.69	ng		99
73) Di-n-butylphthalate	18.20	149	1128423	19.69	ng	#	98
74) Fluoranthene	19.30	202	1342161	19.59	ng		98
76) Benzidine	19.49	184	716338	18.53	ng		99
77) Pyrene	19.67	202	1443033	19.61	ng		99
79) Butylbenzylphthalate	20.56	149	520368	19.64	ng	#	75
80) Benzo(a)anthracene	21.41	228	1478154	19.51	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	575188	20.27	ng	#	98
82) Chrysene	21.46	228	1421481	19.65	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	773713	19.57	ng		98
84) Di-n-octyl phthalate	22.22	149	1315877	20.00	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.12	276	1564726	19.83	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	1468491	19.44	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	1422383	19.58	ng		99
89) Benzo(a)pyrene	23.65	252	1358633	19.43	ng		98
90) Dibenzo(a,h)anthracene	26.13	278	1347196	19.66	ng	#	95
91) Benzo(g,h,i)perylene	26.85	276	1312433	19.65	ng	#	90

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

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