Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032576.D
Acq On : 6 Feb 2018 21:33
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-W-8 ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:42 PM

Quant Time: Feb 07 14:26:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	19651	20.00	ng		0.00
21) Naphthalene-d8	11.58	136	83263	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	63127	20.00	ng		0.00
63) Phenanthrene-d10	18.07	188	157749	20.00	ng		0.00
75) Chrysene-d12	22.39	240	202726	20.00	ng		-0.01
86) Perylene-d12	26.06	264	219183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	121829	124.52	ng		0.00
7) Phenol-d6	7.82	99	122220	93.62	ng		0.00
23) Nitrobenzene-d5	9.90	82	93281	69.98	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	137462	114.40	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	388014	73.06	ng		0.00
78) Terphenyl-d14	20.61	244	765617	80.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	1667	5.064	ng	#	64
3) Pyridine	4.26	79	3155	3.550	ng	#	72
4) n-Nitrosodimethylamine	4.17	42	2309m	4.990	ng		
6) Aniline	8.01	93	1720	1.057	ng	#	78
8) 2-Chlorophenol	8.25	128	7266	6.283	ng		86
9) Benzaldehyde	7.81	77	3783m	5.610	ng		
10) Phenol	7.86	94	6136	4.949	ng		97
11) bis(2-Chloroethyl)ether	8.09	93	4778	5.058	ng	#	67
12) 1,3-Dichlorobenzene	8.59	146	9062m	5.794	ng		
13) 1,4-Dichlorobenzene	8.74	146	9001	5.742	ng		89
14) 1,2-Dichlorobenzene	9.07	146	9065	5.903	ng		100
15) Benzyl Alcohol	8.95	79	4432	4.119	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	9.22	45	4598	5.137	ng	#	55
17) 2-Methylphenol	9.15	107	4814	4.781	ng		92
18) Hexachloroethane	9.82	117	2952	5.609	ng	#	82
19) n-Nitroso-di-n-propylamine	9.51	70	3985	4.604	ng	#	87
20) 3+4-Methylphenols	9.49	107	6683	4.731	ng		86
22) Acetophenone	9.54	105	8275	4.240	ng	#	83
24) Nitrobenzene	9.95	77	7138	5.537	ng	#	89
25) Isophorone	10.47	82	12641	5.569	ng	#	81
26) 2-Nitrophenol	10.68	139	2713	3.482	ng	#	56
27) 2,4-Dimethylphenol	10.71	122	5096	4.556	ng	#	81
28) bis(2-Chloroethoxy)methane	10.96	93	6776	5.444	ng	#	80
29) 2,4-Dichlorophenol	11.22	162	7632	5.151	ng	#	83
30) 1,2,4-Trichlorobenzene	11.43	180	10761	5.449	ng		89
31) Naphthalene	11.64	128	24614	6.053	ng		98
32) Benzoic acid	10.85	122	409	7.699	ng	#	21
33) 4-Chloroaniline	11.74	127	2313	1.275	ng	#	73
34) Hexachlorobutadiene	11.91	225	8564	5.574	ng		98
35) Caprolactam	12.46	113	1250m	2.939	ng		
36) 4-Chloro-3-methylphenol	12.82	107	6670	4.746	ng	#	81
37) 2-Methylnaphthalene	13.20	142	19354	5.665	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	14782	5.005	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	7722	4.185	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	7158m	4.456	ng		
43) 2,4,5-Trichlorophenol	13.86	196	8275	4.419	ng	#	86
45) 1,1'-Biphenyl	14.18	154	28722	5.385	ng		90
46) 2-Chloronaphthalene	14.23	162	21980	5.258	ng		95
47) 2-Nitroaniline	14.43	65	3441	3.722	ng	#	81
48) Acenaphthylene	15.07	152	34249	5.420	ng		99
49) Dimethylphthalate	14.77	163	29081	4.996	ng	#	93
50) 2,6-Dinitrotoluene	14.90	165	5841	4.781	ng		89
51) Acenaphthene	15.40	154	22138	5.051	ng		94
52) 3-Nitroaniline	15.24	138	3070	2.877	ng	#	78
53) 2,4-Dinitrophenol	15.47	184	551	4.790	ng	#	1
54) Dibenzofuran	15.73	168	36244	5.587	ng	#	94
55) 4-Nitrophenol	15.54	139	1660	2.078	ng	#	66
56) 2,4-Dinitrotoluene	15.68	165	8967	5.155	ng	#	68
57) Fluorene	16.38	166	21506	3.990	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	9600	5.198	ng	#	86
59) Diethylphthalate	16.11	149	28489	5.025	ng		97
60) 4-Chlorophenyl-phenylether	16.35	204	15445	4.544	ng	#	85
61) 4-Nitroaniline	16.40	138	3116	2.724	ng	#	76
62) Azobenzene	16.65	77	17996	5.312	ng		88
64) 4,6-Dinitro-2-methylphenol	16.44	198	2262	1.919	ng	#	81
65) n-Nitrosodiphenylamine	16.57	169	24635	5.233	ng		96
66) 4-Bromophenyl-phenylether	17.24	248	13205	5.650	ng	#	90
67) Hexachlorobenzene	17.38	284	15749	6.089	ng	#	88
68) Atrazine	17.48	200	11774	5.826	ng		87
69) Pentachlorophenol	17.72	266	4962	3.063	ng		97
70) Phenanthrene	18.12	178	47024	5.345	ng		99
71) Anthracene	18.21	178	51938m	5.929	ng		
72) Carbazole	18.47	167	44715	5.778	ng	#	95
73) Di-n-butylphthalate	18.98	149	45194	5.274	ng		98
74) Fluoranthene	20.08	202	65935	5.715	ng		97
76) Benzidine	20.26	184	1522	0.382	ng	#	66
77) Pyrene	20.44	202	65947	5.304	ng		98
79) Butylbenzylphthalate	21.29	149	19635	5.006	ng	#	78
80) Benzo(a)anthracene	22.38	228	74828	5.954	ng		95
81) 3,3'-Dichlorobenzidine	22.27	252	12259	2.518	ng		94
82) Chrysene	22.45	228	70044	5.771	ng		94
83) Bis(2-ethylhexyl)phthalate	22.22	149	29805	5.360	ng	#	98
84) Di-n-octyl phthalate	23.58	149	51502	5.839	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.31	276	85384m	5.561	ng		
87) Benzo(b)fluoranthene	24.88	252	74773	5.646	ng	#	90
88) Benzo(k)fluoranthene	24.96	252	74945	5.713	ng	#	97
89) Benzo(a)pyrene	25.88	252	74749	5.920	ng	#	95
90) Dibenzo(a,h)anthracene	30.37	278	74073	5.735	ng	#	90
91) Benzo(g,h,i)perylene	31.63	276	73224	5.712	ng	#	80

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

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