Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
Data File : BM031918.D
Acq On : 26 Aug 2021 17:44
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER-4ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/27/2021 5:07:58 PM

Quant Time: Aug 26 18:28:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 16:22:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	56789	20.000	ng		0.00
21) Naphthalene-d8	10.275	136	243900	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	158871	20.000	ng		0.00
64) Phenanthrene-d10	16.910	188	327138	20.000	ng		0.00
76) Chrysene-d12	21.115	240	269350	20.000	ng		0.00
86) Perylene-d12	23.256	264	223071	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.152	112	405624	114.084	ng		0.00
7) Phenol-d6	6.716	99	566201	111.060	ng		0.00
23) Nitrobenzene-d5	8.669	82	536387	99.479	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	207069	120.741	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	1272241	108.301	ng		0.00
79) Terphenyl-d14	19.562	244	2161672	129.017	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	6634	4.698	ng	#	92
3) Pyridine	3.575	79	11534m	3.110	ng		
4) n-Nitrosodimethylamine	3.487	42	7355	3.688	ng	#	64
6) Aniline	6.869	93	24534	4.503	ng		94
8) 2-Chlorophenol	7.087	128	15903	3.862	ng		99
9) Benzaldehyde	6.687	77	15898m	5.084	ng		
10) Phenol	6.740	94	19922	3.939	ng		98
11) bis(2-Chloroethyl)ether	6.969	93	15437	3.999	ng		96
12) 1,3-Dichlorobenzene	7.404	146	17761	4.066	ng		92
13) 1,4-Dichlorobenzene	7.551	146	18099	4.038	ng		96
14) 1,2-Dichlorobenzene	7.863	146	17713	4.085	ng		94
15) Benzyl Alcohol	7.775	79	13346	3.472	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.045	45	22565	4.257	ng		99
17) 2-Methylphenol	7.969	107	13012	3.800	ng		95
18) Hexachloroethane	8.563	117	6712	3.837	ng		92
19) n-Nitroso-di-n-propyla...	8.322	70	13332	3.690	ng		89
20) 3+4-Methylphenols	8.298	107	16869	3.567	ng		95
22) Acetophenone	8.340	105	26866	4.054	ng	#	93
24) Nitrobenzene	8.710	77	24054	4.388	ng		95
25) Isophorone	9.234	82	33999	3.583	ng		97
26) 2-Nitrophenol	9.416	139	7676	3.384	ng		94
27) 2,4-Dimethylphenol	9.481	122	14526	4.193	ng		96
28) bis(2-Chloroethoxy)met...	9.722	93	20994	4.208	ng		97
29) 2,4-Dichlorophenol	9.951	162	13204	3.396	ng		96
30) 1,2,4-Trichlorobenzene	10.145	180	16722	3.941	ng		92
31) Naphthalene	10.328	128	53164	3.937	ng		99
32) Benzoic acid	9.569	122	5862m	2.108	ng		
33) 4-Chloroaniline	10.463	127	21688	3.949	ng		96
34) Hexachlorobutadiene	10.598	225	10193	3.964	ng		96
35) Caprolactam	11.263	113	4267	3.501	ng	#	59
36) 4-Chloro-3-methylphenol	11.586	107	16150	3.550	ng		95
37) 2-Methylnaphthalene	11.945	142	37468	3.827	ng		98
38) 1-Methylnaphthalene	12.169	142	35245	3.772	ng		99
40) 1,2,4,5-Tetrachloroben...	12.322	216	18253	3.980	ng		98
41) Hexachlorocyclopentadiene	12.292	237	6697	3.151	ng		96
43) 2,4,6-Trichlorophenol	12.580	196	11204	3.435	ng		99

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44) 2,4,5-Trichlorophenol	12.657	196	12314	3.475	ng		92
46) 1,1'-Biphenyl	12.980	154	51804	4.164	ng		97
47) 2-Chloronaphthalene	13.016	162	37659	3.840	ng		98
48) 2-Nitroaniline	13.245	65	10381	3.312	ng		96
49) Acenaphthylene	13.874	152	58412	3.770	ng		99
50) Dimethylphthalate	13.627	163	49246	4.011	ng		99
51) 2,6-Dinitrotoluene	13.751	165	9562	3.472	ng		87
52) Acenaphthene	14.222	154	36411	3.833	ng		98
53) 3-Nitroaniline	14.092	138	9296	3.432	ng		98
55) Dibenzofuran	14.563	168	59337	3.843	ng		99
56) 4-Nitrophenol	14.433	139	5409	2.495	ng		92
57) 2,4-Dinitrotoluene	14.557	165	12675	3.388	ng		97
58) Fluorene	15.210	166	46299	3.705	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.798	232	10356	3.452	ng	#	96
60) Diethylphthalate	15.004	149	51069	3.974	ng		99
61) 4-Chlorophenyl-phenyle...	15.216	204	23511	3.903	ng		93
62) 4-Nitroaniline	15.263	138	7885	2.975	ng	#	87
63) Azobenzene	15.510	77	50651	3.573	ng		94
65) 4,6-Dinitro-2-methylph...	15.327	198	4989	2.286	ng		97
66) n-Nitrosodiphenylamine	15.433	169	39545	3.590	ng		95
67) 4-Bromophenyl-phenylether	16.115	248	12863	3.695	ng		92
68) Hexachlorobenzene	16.215	284	14353	3.858	ng		93
69) Atrazine	16.404	200	13524	3.931	ng		95
70) Pentachlorophenol	16.574	266	6663	2.864	ng		98
71) Phenanthrene	16.951	178	74601	3.839	ng		98
72) Anthracene	17.045	178	73257	3.868	ng		97
73) Carbazole	17.327	167	64468	3.542	ng		99
74) Di-n-butylphthalate	17.898	149	78223	3.579	ng		99
75) Fluoranthene	18.980	202	77082	3.645	ng		97
77) Benzidine	19.186	184	29758	4.502	ng		99
78) Pyrene	19.345	202	80276	3.749	ng		99
80) Butylbenzylphthalate	20.268	149	30400	3.342	ng		99
81) Benzo(a)anthracene	21.103	228	72432	3.775	ng		99
82) 3,3'-Dichlorobenzidine	21.050	252	22087	4.155	ng		98
83) Chrysene	21.150	228	72767	3.893	ng		97
84) Bis(2-ethylhexyl)phtha...	21.050	149	41985	3.195	ng		97
85) Di-n-octyl phthalate	21.903	149	67447	3.249	ng		96
87) Indeno(1,2,3-cd)pyrene	25.374	276	58261	3.754	ng		97
88) Benzo(b)fluoranthene	22.621	252	63091	3.823	ng		97
89) Benzo(k)fluoranthene	22.668	252	62246m	3.940	ng		
90) Benzo(a)pyrene	23.168	252	57894	3.998	ng		96
91) Dibenzo(a,h)anthracene	25.385	278	49084	3.647	ng	#	93
92) Benzo(g,h,i)perylene	26.015	276	48377	3.816	ng	#	91

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

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