Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
Data File : BM031917.D
Acq On : 26 Aug 2021 17:03
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER-8ppm
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/27/2021 5:07:56 PM

Quant Time: Aug 26 17:48:11 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	54845	20.000	ng		0.00
21) Naphthalene-d8	10.275	136	221008	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	133080	20.000	ng		0.00
64) Phenanthrene-d10	16.909	188	254414	20.000	ng		0.00
76) Chrysene-d12	21.115	240	224523	20.000	ng	#	0.00
86) Perylene-d12	23.262	264	234603	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	378175	110.134	ng		0.00
7) Phenol-d6	6.716	99	497487	101.040	ng		0.00
23) Nitrobenzene-d5	8.669	82	332614	68.077	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	143767	100.076	ng		0.00
45) 2-Fluorobiphenyl	12.768	172	662245	67.300	ng		0.00
79) Terphenyl-d14	19.562	244	840548	60.183	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	11840	8.681	ng	#	90
3) Pyridine	3.563	79	25385m	7.088	ng		
4) n-Nitrosodimethylamine	3.481	42	14893	7.732	ng	#	64
6) Aniline	6.869	93	47021	8.936	ng		94
8) 2-Chlorophenol	7.087	128	31598	7.946	ng		94
9) Benzaldehyde	6.687	77	29334m	9.714	ng		
10) Phenol	6.739	94	38989	7.982	ng		97
11) bis(2-Chloroethyl)ether	6.969	93	29026	7.786	ng		96
12) 1,3-Dichlorobenzene	7.404	146	34385	8.151	ng		95
13) 1,4-Dichlorobenzene	7.551	146	35748	8.258	ng		99
14) 1,2-Dichlorobenzene	7.863	146	34078	8.137	ng		97
15) Benzyl Alcohol	7.769	79	25935	6.986	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.051	45	42437	8.291	ng		99
17) 2-Methylphenol	7.969	107	25495	7.710	ng		95
18) Hexachloroethane	8.569	117	13788	8.161	ng		97
19) n-Nitroso-di-n-propyla...	8.322	70	24970	7.157	ng		91
20) 3+4-Methylphenols	8.292	107	33563	7.348	ng		95
22) Acetophenone	8.339	105	49802	8.294	ng	#	96
24) Nitrobenzene	8.710	77	41404	8.336	ng		93
25) Isophorone	9.233	82	62119	7.225	ng		96
26) 2-Nitrophenol	9.410	139	14824	7.212	ng		89
27) 2,4-Dimethylphenol	9.480	122	26579	8.467	ng		94
28) bis(2-Chloroethoxy)met...	9.716	93	37011	8.186	ng		99
29) 2,4-Dichlorophenol	9.939	162	25893	7.350	ng		96
30) 1,2,4-Trichlorobenzene	10.145	180	30850	8.024	ng		98
31) Naphthalene	10.322	128	98806	8.074	ng		99
32) Benzoic acid	9.575	122	10288m	4.083	ng		
33) 4-Chloroaniline	10.457	127	39564	7.949	ng		97
34) Hexachlorobutadiene	10.598	225	18692	8.023	ng		95
35) Caprolactam	11.257	113	7194	6.514	ng	#	68
36) 4-Chloro-3-methylphenol	11.586	107	28984	7.032	ng		96
37) 2-Methylnaphthalene	11.945	142	67755	7.638	ng		97
38) 1-Methylnaphthalene	12.169	142	61372m	7.249	ng		
40) 1,2,4,5-Tetrachloroben...	12.321	216	32076	8.349	ng		98
41) Hexachlorocyclopentadiene	12.286	237	14343	8.058	ng		95
43) 2,4,6-Trichlorophenol	12.580	196	19329	7.074	ng		91

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44) 2,4,5-Trichlorophenol	12.657	196	22412	7.550	ng		95
46) 1,1'-Biphenyl	12.980	154	87570	8.403	ng		99
47) 2-Chloronaphthalene	13.016	162	65704	7.999	ng		98
48) 2-Nitroaniline	13.245	65	18755	7.144	ng		97
49) Acenaphthylene	13.874	152	101603	7.829	ng		99
50) Dimethylphthalate	13.627	163	79074	7.689	ng		99
51) 2,6-Dinitrotoluene	13.751	165	15730	6.818	ng		83
52) Acenaphthene	14.221	154	61895	7.779	ng		95
53) 3-Nitroaniline	14.086	138	15728	6.932	ng		96
54) 2,4-Dinitrophenol	14.315	184	5950	4.621	ng	#	80
55) Dibenzofuran	14.557	168	96284	7.444	ng		99
56) 4-Nitrophenol	14.421	139	10616	5.846	ng		94
57) 2,4-Dinitrotoluene	14.551	165	20622	6.581	ng		94
58) Fluorene	15.210	166	76090	7.269	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	18073	7.191	ng	#	93
60) Diethylphthalate	15.004	149	80572	7.484	ng		99
61) 4-Chlorophenyl-phenyle...	15.215	204	37767	7.485	ng		95
62) 4-Nitroaniline	15.262	138	14016	6.313	ng	#	79
63) Azobenzene	15.509	77	83937	7.069	ng		94
65) 4,6-Dinitro-2-methylph...	15.321	198	9607	5.661	ng		87
66) n-Nitrosodiphenylamine	15.433	169	63660	7.431	ng		97
67) 4-Bromophenyl-phenylether	16.109	248	20958	7.741	ng		97
68) Hexachlorobenzene	16.215	284	22159	7.658	ng		95
69) Atrazine	16.398	200	21435	8.012	ng		98
70) Pentachlorophenol	16.574	266	12027	6.648	ng		96
71) Phenanthrene	16.951	178	114360	7.568	ng		99
72) Anthracene	17.045	178	114409	7.767	ng		99
73) Carbazole	17.327	167	101988	7.205	ng		98
74) Di-n-butylphthalate	17.898	149	117539	6.916	ng		98
75) Fluoranthene	18.980	202	120933	7.353	ng		100
77) Benzidine	19.192	184	59210	10.746	ng		98
78) Pyrene	19.345	202	127415	7.139	ng		100
80) Butylbenzylphthalate	20.268	149	49638	6.546	ng		97
81) Benzo(a)anthracene	21.103	228	120890	7.559	ng		99
82) 3,3'-Dichlorobenzidine	21.050	252	41997	9.479	ng		97
83) Chrysene	21.156	228	121873	7.823	ng		99
84) Bis(2-ethylhexyl)phtha...	21.050	149	74676	6.817	ng		98
85) Di-n-octyl phthalate	21.909	149	129712	7.496	ng		97
87) Indeno(1,2,3-cd)pyrene	25.368	276	142250	8.716	ng		96
88) Benzo(b)fluoranthene	22.627	252	122899	7.080	ng		99
89) Benzo(k)fluoranthene	22.668	252	123184	7.413	ng		99
90) Benzo(a)pyrene	23.168	252	121905	8.005	ng		97
91) Dibenzo(a,h)anthracene	25.379	278	121032	8.551	ng		97
92) Benzo(g,h,i)perylene	26.015	276	119247	8.945	ng		97

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

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