Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031895.D
Acq On : 25 Aug 2021 16:50
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT2-2021

Quant Time: Aug 25 17:32:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 16:00:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	38696	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	168341	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	118090	20.000	ng		0.00
64) Phenanthrene-d10	16.916	188	258495	20.000	ng		0.00
76) Chrysene-d12	21.121	240	231629	20.000	ng		0.00
86) Perylene-d12	23.262	264	207025	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	237257	101.364	ng		0.00
7) Phenol-d6	6.722	99	321896	97.198	ng		0.00
23) Nitrobenzene-d5	8.675	82	307429	79.104	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	144748	103.695	ng		0.00
45) 2-Fluorobiphenyl	12.775	172	697309	77.905	ng		0.00
79) Terphenyl-d14	19.568	244	1219338	75.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	6960	7.293	ng	#	86
3) Pyridine	3.563	79	15863	6.659	ng	#	79
4) n-Nitrosodimethylamine	3.475	42	12478	7.711	ng	#	45
6) Aniline	6.875	93	30020	8.533	ng		96
8) 2-Chlorophenol	7.093	128	20319	7.456	ng		96
9) Benzaldehyde	6.693	77	20494	9.330	ng		95
10) Phenol	6.746	94	24340	7.432	ng		89
11) bis(2-Chloroethyl)ether	6.975	93	18176	7.608	ng		94
12) 1,3-Dichlorobenzene	7.410	146	22965	7.630	ng		99
13) 1,4-Dichlorobenzene	7.557	146	23635	7.664	ng		97
14) 1,2-Dichlorobenzene	7.863	146	23256	7.745	ng		95
15) Benzyl Alcohol	7.775	79	19984	7.074	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.051	45	25375	7.917	ng		95
17) 2-Methylphenol	7.969	107	17215	7.368	ng		97
18) Hexachloroethane	8.569	117	9604	7.518	ng		97
19) n-Nitroso-di-n-propyla...	8.328	70	18103	7.095	ng		98
20) 3+4-Methylphenols	8.298	107	23889	7.431	ng		95
22) Acetophenone	8.346	105	36256	7.923	ng	#	96
24) Nitrobenzene	8.716	77	30889	7.850	ng		99
25) Isophorone	9.234	82	48770	7.266	ng		95
26) 2-Nitrophenol	9.416	139	11125	7.062	ng		94
27) 2,4-Dimethylphenol	9.481	122	18278	7.710	ng		90
28) bis(2-Chloroethoxy)met...	9.722	93	26785	8.170	ng		98
29) 2,4-Dichlorophenol	9.945	162	19464	6.990	ng		98
30) 1,2,4-Trichlorobenzene	10.145	180	22754	7.449	ng		92
31) Naphthalene	10.328	128	70411	7.485	ng		99
32) Benzoic acid	9.592	122	10252	5.075	ng		91
33) 4-Chloroaniline	10.457	127	28801	7.658	ng		98
34) Hexachlorobutadiene	10.604	225	15414	7.629	ng		98
35) Caprolactam	11.251	113	5855	6.900	ng		99
36) 4-Chloro-3-methylphenol	11.586	107	23589	7.144	ng		100
37) 2-Methylnaphthalene	11.951	142	51394	7.338	ng		99
38) 1-Methylnaphthalene	12.175	142	48177	7.272	ng		98
40) 1,2,4,5-Tetrachloroben...	12.328	216	26237	7.584	ng		99
41) Hexachlorocyclopentadiene	12.292	237	11842	7.020	ng		87
43) 2,4,6-Trichlorophenol	12.581	196	17148	6.903	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	18916	7.047	ng		98
46) 1,1'-Biphenyl	12.986	154	69577	7.613	ng		96
47) 2-Chloronaphthalene	13.022	162	51852	7.206	ng		99
48) 2-Nitroaniline	13.251	65	17575	7.019	ng	#	86
49) Acenaphthylene	13.880	152	84218	7.276	ng		100
50) Dimethylphthalate	13.633	163	69178	7.390	ng		99
51) 2,6-Dinitrotoluene	13.757	165	14606	7.085	ng		90
52) Acenaphthene	14.222	154	49711	7.054	ng		99
53) 3-Nitroaniline	14.086	138	14134	7.048	ng		95
54) 2,4-Dinitrophenol	14.310	184	6612	5.663	ng	#	83
55) Dibenzofuran	14.563	168	81861	6.898	ng		97
56) 4-Nitrophenol	14.416	139	10615	6.700	ng	#	86
57) 2,4-Dinitrotoluene	14.551	165	19768	6.732	ng		96
58) Fluorene	15.216	166	66457	6.829	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	16260	6.938	ng		99
60) Diethylphthalate	15.010	149	76051	7.444	ng		99
61) 4-Chlorophenyl-phenyle...	15.216	204	34275	7.096	ng		95
62) 4-Nitroaniline	15.263	138	13837	7.145	ng		91
63) Azobenzene	15.510	77	80995	7.190	ng		96
65) 4,6-Dinitro-2-methylph...	15.322	198	9942	5.584	ng		93
66) n-Nitrosodiphenylamine	15.439	169	59393	6.894	ng		94
67) 4-Bromophenyl-phenylether	16.116	248	19828	6.868	ng		98
68) Hexachlorobenzene	16.216	284	21080	6.908	ng		98
69) Atrazine	16.404	200	22386	7.708	ng		93
70) Pentachlorophenol	16.574	266	12662	6.606	ng		99
71) Phenanthrene	16.957	178	108278	7.115	ng		97
72) Anthracene	17.045	178	107658	7.232	ng		99
73) Carbazole	17.327	167	98610	7.014	ng		98
74) Di-n-butylphthalate	17.898	149	128347	7.273	ng		100
75) Fluoranthene	18.980	202	122483	7.369	ng		97
77) Benzidine	19.186	184	60130	9.924	ng		98
78) Pyrene	19.351	202	126602	6.535	ng		99
80) Butylbenzylphthalate	20.268	149	56576	6.791	ng		99
81) Benzo(a)anthracene	21.104	228	118483	7.111	ng		100
82) 3,3'-Dichlorobenzidine	21.051	252	41639	8.692	ng		98
83) Chrysene	21.156	228	114796	7.147	ng		97
84) Bis(2-ethylhexyl)phtha...	21.051	149	83711	6.984	ng		99
85) Di-n-octyl phthalate	21.909	149	135867	7.522	ng		99
87) Indeno(1,2,3-cd)pyrene	25.380	276	90870	6.343	ng		97
88) Benzo(b)fluoranthene	22.627	252	108799	6.941	ng		98
89) Benzo(k)fluoranthene	22.668	252	98690	6.642	ng		99
90) Benzo(a)pyrene	23.168	252	96744	7.126	ng		98
91) Dibenzo(a,h)anthracene	25.386	278	77818	6.272	ng		99
92) Benzo(g,h,i)perylene	26.015	276	74822	6.378	ng		97

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

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