Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031894.D
Acq On : 25 Aug 2021 16:13
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WATER-10ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2021

Quant Time: Aug 25 16:43:17 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	33179	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	149773	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	106262	20.000	ng		0.00
64) Phenanthrene-d10	16.916	188	235044	20.000	ng		0.00
76) Chrysene-d12	21.121	240	224979	20.000	ng		0.00
86) Perylene-d12	23.268	264	193559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	244529	121.842	ng		0.00
7) Phenol-d6	6.722	99	333593	117.479	ng		0.00
23) Nitrobenzene-d5	8.675	82	300929	87.030	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	159712	127.151	ng		0.00
45) 2-Fluorobiphenyl	12.775	172	699964	86.906	ng		0.00
79) Terphenyl-d14	19.568	244	1221528	78.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	7986	9.760	ng	#	86
3) Pyridine	3.563	79	18653	9.132	ng	#	88
4) n-Nitrosodimethylamine	3.475	42	13934	10.042	ng	#	50
6) Aniline	6.875	93	33979	11.265	ng		98
8) 2-Chlorophenol	7.093	128	23053	9.866	ng		100
9) Benzaldehyde	6.687	77	23079	12.254	ng		96
10) Phenol	6.746	94	28002	9.972	ng		95
11) bis(2-Chloroethyl)ether	6.969	93	20979	10.241	ng		94
12) 1,3-Dichlorobenzene	7.410	146	25367	9.830	ng		96
13) 1,4-Dichlorobenzene	7.557	146	26978	10.203	ng		95
14) 1,2-Dichlorobenzene	7.863	146	25657	9.965	ng		99
15) Benzyl Alcohol	7.775	79	23554	9.724	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.051	45	28247	10.278	ng		91
17) 2-Methylphenol	7.969	107	19695	9.831	ng		96
18) Hexachloroethane	8.569	117	10570	9.650	ng		92
19) n-Nitroso-di-n-propyla...	8.328	70	20884	9.546	ng		98
20) 3+4-Methylphenols	8.298	107	27377	9.933	ng		96
22) Acetophenone	8.340	105	41245	10.131	ng	#	98
24) Nitrobenzene	8.716	77	34743	9.924	ng		97
25) Isophorone	9.234	82	54411	9.112	ng		94
26) 2-Nitrophenol	9.416	139	12926	9.223	ng		94
27) 2,4-Dimethylphenol	9.481	122	22344	10.593	ng		97
28) bis(2-Chloroethoxy)met...	9.716	93	30360	10.409	ng		99
29) 2,4-Dichlorophenol	9.945	162	22653	9.144	ng		95
30) 1,2,4-Trichlorobenzene	10.145	180	26380	9.706	ng		97
31) Naphthalene	10.328	128	78903	9.427	ng		100
32) Benzoic acid	9.604	122	17564	9.773	ng		94
33) 4-Chloroaniline	10.457	127	34057	10.178	ng		99
34) Hexachlorobutadiene	10.604	225	16536	9.199	ng		93
35) Caprolactam	11.257	113	8083	10.707	ng	#	73
36) 4-Chloro-3-methylphenol	11.586	107	27581	9.389	ng		98
37) 2-Methylnaphthalene	11.951	142	58236	9.345	ng		93
38) 1-Methylnaphthalene	12.175	142	55166	9.359	ng		97
40) 1,2,4,5-Tetrachloroben...	12.328	216	30599	9.829	ng		99
41) Hexachlorocyclopentadiene	12.292	237	14561	9.593	ng		99
43) 2,4,6-Trichlorophenol	12.581	196	20267	9.067	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	21962	9.092	ng		98
46) 1,1'-Biphenyl	12.986	154	79345	9.648	ng		95
47) 2-Chloronaphthalene	13.022	162	59472	9.185	ng		94
48) 2-Nitroaniline	13.251	65	21058	9.346	ng		96
49) Acenaphthylene	13.875	152	97854	9.395	ng		98
50) Dimethylphthalate	13.633	163	79976	9.494	ng		99
51) 2,6-Dinitrotoluene	13.757	165	17271	9.310	ng		96
52) Acenaphthene	14.222	154	58525	9.229	ng		98
53) 3-Nitroaniline	14.092	138	16863	9.345	ng		96
54) 2,4-Dinitrophenol	14.304	184	11520	10.965	ng		89
55) Dibenzofuran	14.563	168	97247	9.107	ng		99
56) 4-Nitrophenol	14.416	139	13110	9.195	ng	#	86
57) 2,4-Dinitrotoluene	14.557	165	23528	8.905	ng		93
58) Fluorene	15.216	166	80459	9.189	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.798	232	19389	9.194	ng		97
60) Diethylphthalate	15.010	149	87283	9.494	ng		97
61) 4-Chlorophenyl-phenyle...	15.216	204	40386	9.291	ng		96
62) 4-Nitroaniline	15.263	138	15421	8.850	ng		90
63) Azobenzene	15.510	77	95368	9.408	ng		98
65) 4,6-Dinitro-2-methylph...	15.322	198	12402	7.661	ng		96
66) n-Nitrosodiphenylamine	15.439	169	67961	8.675	ng		100
67) 4-Bromophenyl-phenylether	16.116	248	23732	9.040	ng		98
68) Hexachlorobenzene	16.216	284	25308	9.121	ng		97
69) Atrazine	16.404	200	27042	10.240	ng		95
70) Pentachlorophenol	16.574	266	15196	8.720	ng		96
71) Phenanthrene	16.957	178	126641	9.151	ng		98
72) Anthracene	17.051	178	128070	9.462	ng		99
73) Carbazole	17.333	167	117764	9.212	ng		98
74) Di-n-butylphthalate	17.898	149	153240	9.550	ng		99
75) Fluoranthene	18.980	202	145599	9.634	ng		98
77) Benzidine	19.186	184	76558	13.009	ng		97
78) Pyrene	19.351	202	152107	8.084	ng		99
80) Butylbenzylphthalate	20.274	149	70208	8.676	ng		97
81) Benzo(a)anthracene	21.109	228	146490	9.052	ng		99
82) 3,3'-Dichlorobenzidine	21.051	252	54884	11.795	ng		98
83) Chrysene	21.156	228	141616	9.077	ng		99
84) Bis(2-ethylhexyl)phtha...	21.051	149	106593	9.156	ng		99
85) Di-n-octyl phthalate	21.909	149	172209	9.816	ng		98
87) Indeno(1,2,3-cd)pyrene	25.374	276	120965	9.032	ng		97
88) Benzo(b)fluoranthene	22.627	252	139098	9.492	ng		98
89) Benzo(k)fluoranthene	22.674	252	130181	9.371	ng		98
90) Benzo(a)pyrene	23.174	252	125799	9.911	ng		99
91) Dibenzo(a,h)anthracene	25.391	278	103293	8.905	ng	#	97
92) Benzo(g,h,i)perylene	26.027	276	98482	8.979	ng		96

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

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