Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029237.D
Acq On : 26 Mar 2021 16:58
Operator : CG/JU
Sample : M1458-08
Misc : LOQ--WTR-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:13 PM

Quant Time: Mar 26 19:10:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	92594	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	360937	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	214628	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	451669	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	473293	20.00	ng		-0.01
86) Perylene-d12	23.521	264	485098	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	444255	82.70	ng		0.00
7) Phenol-d6	6.922	99	623892	80.94	ng		0.00
23) Nitrobenzene-d5	8.904	82	467679	62.91	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	159672	80.33	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	959210	63.39	ng		0.00
79) Terphenyl-d14	19.739	244	1460552	61.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	11623	4.76	ng		97
3) Pyridine	3.716	79	24115	4.10	ng	#	86
4) n-Nitrosodimethylamine	3.634	42	9032	3.42	ng	#	93
6) Aniline	7.087	93	42569	5.10	ng		99
8) 2-Chlorophenol	7.322	128	27148	4.48	ng		98
9) Benzaldehyde	6.904	77	28224	5.83	ng		96
10) Phenol	6.946	94	34985	4.59	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	24153	4.43	ng		97
12) 1,3-Dichlorobenzene	7.646	146	31825	4.69	ng		99
13) 1,4-Dichlorobenzene	7.793	146	31643	4.60	ng		99
14) 1,2-Dichlorobenzene	8.104	146	31222	4.72	ng		98
15) Benzyl Alcohol	7.998	79	22805	4.09	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	41682	4.99	ng		97
17) 2-Methylphenol	8.193	107	21201	4.33	ng		98
18) Hexachloroethane	8.834	117	11350	4.54	ng		95
19) n-Nitroso-di-n-propyla...	8.557	70	21523	4.33	ng	#	97
20) 3+4-Methylphenols	8.510	107	28091	4.29	ng		92
22) Acetophenone	8.575	105	41121	4.55	ng	#	97
24) Nitrobenzene	8.945	77	37712	4.86	ng		98
25) Isophorone	9.469	82	49962	3.91	ng		98
26) 2-Nitrophenol	9.657	139	8871	3.43	ng		91
27) 2,4-Dimethylphenol	9.710	122	21292	4.29	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	33624	4.98	ng		97
29) 2,4-Dichlorophenol	10.187	162	19873	3.68	ng		98
30) 1,2,4-Trichlorobenzene	10.398	180	26877	4.39	ng		97
31) Naphthalene	10.586	128	84362	4.43	ng		99
32) Benzoic acid	9.763	122	5621	1.95	ng	#	76
33) 4-Chloroaniline	10.692	127	32087	4.27	ng		96
34) Hexachlorobutadiene	10.875	225	14623	4.11	ng		94
35) Caprolactam	11.457	113	4510m	2.75	ng		
36) 4-Chloro-3-methylphenol	11.810	107	21865	3.80	ng	#	92
37) 2-Methylnaphthalene	12.198	142	59186	4.45	ng		99
38) 1-Methylnaphthalene	12.422	142	55223	4.36	ng		96
40) 1,2,4,5-Tetrachloroben...	12.569	216	26465	4.40	ng		96
41) Hexachlorocyclopentadiene	12.551	237	15291	4.63	ng		97
43) 2,4,6-Trichlorophenol	12.810	196	13320	3.40	ng		90

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44) 2,4,5-Trichlorophenol	12.875	196	15733	3.61	ng		93
46) 1,1'-Biphenyl	13.216	154	77454	4.75	ng		100
47) 2-Chloronaphthalene	13.251	162	57858	4.50	ng		97
48) 2-Nitroaniline	13.457	65	13263	3.52	ng		97
49) Acenaphthylene	14.098	152	81775	4.18	ng		99
50) Dimethylphthalate	13.839	163	68617	4.58	ng		99
51) 2,6-Dinitrotoluene	13.951	165	12230	3.77	ng	#	78
52) Acenaphthene	14.445	154	58393	4.70	ng		99
53) 3-Nitroaniline	14.280	138	11665	3.55	ng	#	92
54) 2,4-Dinitrophenol	14.480	184	3999	2.47	ng		93
55) Dibenzofuran	14.780	168	87975	4.50	ng		99
56) 4-Nitrophenol	14.580	139	8293	2.76	ng		94
57) 2,4-Dinitrotoluene	14.739	165	13767	3.23	ng	#	97
58) Fluorene	15.427	166	68603	4.33	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	13294	3.73	ng		99
60) Diethylphthalate	15.204	149	67579	4.57	ng		99
61) 4-Chlorophenyl-phenyle...	15.421	204	33160	4.54	ng		97
62) 4-Nitroaniline	15.439	138	11411	3.30	ng		93
63) Azobenzene	15.716	77	68775	4.07	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	6372	2.53	ng		91
66) n-Nitrosodiphenylamine	15.633	169	59427	4.11	ng		97
67) 4-Bromophenyl-phenylether	16.316	248	15646	3.78	ng		95
68) Hexachlorobenzene	16.427	284	20829	4.28	ng		96
69) Atrazine	16.586	200	16312	3.57	ng		93
70) Pentachlorophenol	16.763	266	8736	2.91	ng		97
71) Phenanthrene	17.157	178	114195	4.36	ng		99
72) Anthracene	17.251	178	107031	4.21	ng		99
73) Carbazole	17.515	167	97021	3.87	ng		100
74) Di-n-butylphthalate	18.092	149	87536	3.62	ng		99
75) Fluoranthene	19.168	202	118205	4.09	ng		100
77) Benzidine	19.357	184	40507	2.96	ng		98
78) Pyrene	19.533	202	127542	3.98	ng		99
80) Butylbenzylphthalate	20.433	149	33041	3.05	ng	#	84
81) Benzo(a)anthracene	21.268	228	126177	4.08	ng		99
82) 3,3'-Dichlorobenzidine	21.203	252	36267	3.93	ng		93
83) Chrysene	21.321	228	128539	4.16	ng		99
84) Bis(2-ethylhexyl)phtha...	21.209	149	48750	3.13	ng		98
85) Di-n-octyl phthalate	22.086	149	78299	3.11	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.774	276	149519	4.21	ng		99
88) Benzo(b)fluoranthene	22.845	252	127791	4.05	ng		99
89) Benzo(k)fluoranthene	22.892	252	130054	4.24	ng		100
90) Benzo(a)pyrene	23.421	252	109135	3.82	ng		98
91) Dibenzo(a,h)anthracene	25.786	278	125468	4.13	ng		99
92) Benzo(g,h,i)perylene	26.462	276	125877	4.23	ng		98

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

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