Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031031.D
Acq On : 20 Jul 2021 20:15
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 01:40:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad

7/21/2021 11:26:52 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	56798	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	243712	20.000	ng		0.00
39) Acenaphthene-d10	14.269	164	174744	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	403047	20.000	ng		0.00
76) Chrysene-d12	21.197	240	500370	20.000	ng		-0.01
86) Perylene-d12	23.380	264	570875	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	368309	116.443	ng		0.00
7) Phenol-d6	6.816	99	524499	114.390	ng		0.00
23) Nitrobenzene-d5	8.787	82	323338	66.614	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	273071	119.671	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	755642	64.521	ng		0.00
79) Terphenyl-d14	19.656	244	1597088	63.151	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	6001	4.722	ng		94
3) Pyridine	3.634	79	12675	3.525	ng	#	86
4) n-Nitrosodimethylamine	3.552	42	7849	3.841	ng	#	80
6) Aniline	6.981	93	22259	4.522	ng		95
8) 2-Chlorophenol	7.204	128	14487	3.891	ng		95
9) Benzaldehyde	6.793	77	14847m	5.434	ng		
10) Phenol	6.845	94	17866	4.022	ng		91
11) bis(2-Chloroethyl)ether	7.075	93	13816	4.201	ng		96
12) 1,3-Dichlorobenzene	7.528	146	16538	4.085	ng		94
13) 1,4-Dichlorobenzene	7.675	146	16649	4.041	ng		99
14) 1,2-Dichlorobenzene	7.981	146	16912	4.202	ng		98
15) Benzyl Alcohol	7.875	79	15352	3.977	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	17802	4.327	ng		96
17) 2-Methylphenol	8.075	107	12281	3.952	ng		93
18) Hexachloroethane	8.698	117	6705	4.216	ng		92
19) n-Nitroso-di-n-propyla...	8.439	70	11765	3.633	ng	#	95
20) 3+4-Methylphenols	8.404	107	16515	3.758	ng		98
22) Acetophenone	8.451	105	25047	4.152	ng		94
24) Nitrobenzene	8.828	77	21286	4.343	ng		94
25) Isophorone	9.351	82	31948	3.681	ng		99
26) 2-Nitrophenol	9.534	139	7324	3.549	ng		93
27) 2,4-Dimethylphenol	9.592	122	13829	4.253	ng		87
28) bis(2-Chloroethoxy)met...	9.834	93	18294	4.180	ng		94
29) 2,4-Dichlorophenol	10.051	162	13371	3.476	ng		93
30) 1,2,4-Trichlorobenzene	10.269	180	17274	4.090	ng		92
31) Naphthalene	10.451	128	50616	4.036	ng		98
32) Benzoic acid	9.645	122	7576m	2.735	ng		
33) 4-Chloroaniline	10.569	127	21116	3.903	ng		92
34) Hexachlorobutadiene	10.739	225	10631	3.920	ng		87
35) Caprolactam	11.339	113	4121	3.187	ng		92
36) 4-Chloro-3-methylphenol	11.692	107	15882	3.618	ng		97
37) 2-Methylnaphthalene	12.069	142	36755	3.803	ng		96
38) 1-Methylnaphthalene	12.292	142	34861	3.788	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.439	216	19863	4.080	ng	#	97
41) Hexachlorocyclopentadiene	12.422	237	12395	4.576	ng		95
43) 2,4,6-Trichlorophenol	12.686	196	11801	3.451	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13383	3.534	ng	#	88
46) 1,1'-Biphenyl	13.098	154	51044	4.120	ng		99
47) 2-Chloronaphthalene	13.133	162	38067	3.922	ng		94
48) 2-Nitroaniline	13.345	65	10285	3.326	ng		91
49) Acenaphthylene	13.986	152	59759	3.852	ng		99
50) Dimethylphthalate	13.733	163	51493	3.929	ng		99
51) 2,6-Dinitrotoluene	13.845	165	9907	3.374	ng	#	84
52) Acenaphthene	14.327	154	37664	3.858	ng		97
53) 3-Nitroaniline	14.174	138	10254	3.457	ng		94
54) 2,4-Dinitrophenol	14.386	184	4728	2.731	ng		90
55) Dibenzofuran	14.669	168	62162	3.883	ng		93
56) 4-Nitrophenol	14.486	139	8623	3.287	ng		96
57) 2,4-Dinitrotoluene	14.639	165	12378	3.028	ng	#	81
58) Fluorene	15.321	166	50812	3.762	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	11558	3.276	ng	#	92
60) Diethylphthalate	15.110	149	54145	3.853	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	25972	3.883	ng	#	83
62) 4-Nitroaniline	15.339	138	10669	3.261	ng		92
63) Azobenzene	15.615	77	50508	3.611	ng		91
65) 4,6-Dinitro-2-methylph...	15.398	198	6440	2.548	ng		72
66) n-Nitrosodiphenylamine	15.533	169	42857	3.618	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	15992	3.835	ng		92
68) Hexachlorobenzene	16.315	284	18030	3.837	ng	#	88
69) Atrazine	16.492	200	17169	3.948	ng		97
70) Pentachlorophenol	16.662	266	10366	3.374	ng		97
71) Phenanthrene	17.057	178	86067	3.856	ng		99
72) Anthracene	17.145	178	84019	3.817	ng		98
73) Carbazole	17.421	167	77861	3.574	ng		97
74) Di-n-butylphthalate	17.998	149	90458	3.534	ng	#	95
75) Fluoranthene	19.074	202	103717	3.713	ng		98
77) Benzidine	19.268	184	53375	4.321	ng		99
78) Pyrene	19.433	202	107827	3.451	ng		98
80) Butylbenzylphthalate	20.356	149	41643	3.121	ng		95
81) Benzo(a)anthracene	21.186	228	121214	3.655	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	42353	4.659	ng		97
83) Chrysene	21.239	228	119959	3.723	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	67982	3.289	ng	#	92
85) Di-n-octyl phthalate	22.003	149	120227	3.397	ng		97
87) Indeno(1,2,3-cd)pyrene	25.538	276	165227	4.050	ng		99
88) Benzo(b)fluoranthene	22.727	252	138393	3.658	ng		100
89) Benzo(k)fluoranthene	22.774	252	129026	3.647	ng		99
90) Benzo(a)pyrene	23.280	252	134043	3.936	ng		98
91) Dibenzo(a,h)anthracene	25.556	278	139020	3.937	ng		98
92) Benzo(g,h,i)perylene	26.197	276	139434	4.144	ng		97

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

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