Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029245.D
Acq On : 29 Mar 2021 13:25
Operator : CG/JU
Sample : M1458-09
Misc : MDL-WATER-4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:31 PM

Quant Time: Mar 29 13:56:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 12:59:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	122677	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	474549	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	281540	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	590273	20.00	ng		0.00
76) Chrysene-d12	21.286	240	622336	20.00	ng		0.00
86) Perylene-d12	23.521	264	654767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	642762	90.31	ng		0.00
7) Phenol-d6	6.922	99	942305	92.27	ng		0.00
23) Nitrobenzene-d5	8.898	82	657286	67.25	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	241906	92.78	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	1314986	66.25	ng		0.00
79) Terphenyl-d14	19.739	244	2140322	69.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	12972	4.01	ng	#	94
3) Pyridine	3.710	79	30347	3.89	ng	#	92
4) n-Nitrosodimethylamine	3.622	42	12663	3.62	ng	#	87
6) Aniline	7.087	93	53099	4.80	ng		99
8) 2-Chlorophenol	7.316	128	33523	4.17	ng		97
9) Benzaldehyde	6.898	77	34362	5.36	ng		93
10) Phenol	6.940	94	43473	4.31	ng		90
11) bis(2-Chloroethyl)ether	7.181	93	30947	4.29	ng		98
12) 1,3-Dichlorobenzene	7.640	146	38429	4.28	ng		99
13) 1,4-Dichlorobenzene	7.787	146	38910	4.27	ng		97
14) 1,2-Dichlorobenzene	8.104	146	37888	4.33	ng		96
15) Benzyl Alcohol	7.987	79	29841	4.04	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.287	45	51565	4.66	ng		99
17) 2-Methylphenol	8.187	107	25637	3.95	ng		97
18) Hexachloroethane	8.828	117	13914	4.20	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	25854	3.92	ng		96
20) 3+4-Methylphenols	8.510	107	34168	3.94	ng		98
22) Acetophenone	8.569	105	49840	4.20	ng	#	93
24) Nitrobenzene	8.945	77	46416	4.55	ng		99
25) Isophorone	9.469	82	63032	3.75	ng		99
26) 2-Nitrophenol	9.651	139	11252	3.31	ng		97
27) 2,4-Dimethylphenol	9.710	122	27845	4.27	ng		97
28) bis(2-Chloroethoxy)met...	9.951	93	41060	4.63	ng		97
29) 2,4-Dichlorophenol	10.181	162	24109	3.40	ng		94
30) 1,2,4-Trichlorobenzene	10.398	180	33119	4.11	ng		98
31) Naphthalene	10.581	128	104760	4.19	ng		100
32) Benzoic acid	9.757	122	6178	1.63	ng		93
33) 4-Chloroaniline	10.686	127	39559	4.00	ng		99
34) Hexachlorobutadiene	10.875	225	18065	3.86	ng		98
35) Caprolactam	11.451	113	5598	2.60	ng		91
36) 4-Chloro-3-methylphenol	11.810	107	26905	3.55	ng		97
37) 2-Methylnaphthalene	12.198	142	70895	4.05	ng		98
38) 1-Methylnaphthalene	12.416	142	66668	4.01	ng		96
40) 1,2,4,5-Tetrachloroben...	12.563	216	32648	4.14	ng		97
41) Hexachlorocyclopentadiene	12.545	237	15396	3.56	ng		88
43) 2,4,6-Trichlorophenol	12.804	196	16070m	3.13	ng		

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44) 2,4,5-Trichlorophenol	12.869	196	19841	3.47	ng		93
46) 1,1'-Biphenyl	13.210	154	93825	4.38	ng		98
47) 2-Chloronaphthalene	13.251	162	69956	4.15	ng		99
48) 2-Nitroaniline	13.451	65	16324	3.30	ng		92
49) Acenaphthylene	14.098	152	95752	3.74	ng		99
50) Dimethylphthalate	13.833	163	82522	4.19	ng		100
51) 2,6-Dinitrotoluene	13.951	165	14607	3.43	ng	#	75
52) Acenaphthene	14.439	154	69127	4.24	ng		98
53) 3-Nitroaniline	14.280	138	14258	3.31	ng		91
54) 2,4-Dinitrophenol	14.480	184	4726	2.22	ng		92
55) Dibenzofuran	14.774	168	106314	4.15	ng		97
56) 4-Nitrophenol	14.574	139	10592	2.69	ng		94
57) 2,4-Dinitrotoluene	14.733	165	17339	3.10	ng	#	83
58) Fluorene	15.421	166	84262	4.05	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.998	232	15767	3.37	ng		96
60) Diethylphthalate	15.204	149	81024	4.18	ng		99
61) 4-Chlorophenyl-phenyle...	15.421	204	40236	4.20	ng		98
62) 4-Nitroaniline	15.433	138	13436	2.96	ng		93
63) Azobenzene	15.716	77	85543	3.86	ng		99
65) 4,6-Dinitro-2-methylph...	15.492	198	7668	2.33	ng		98
66) n-Nitrosodiphenylamine	15.633	169	70335	3.72	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	18699	3.46	ng		99
68) Hexachlorobenzene	16.421	284	24406	3.83	ng		94
69) Atrazine	16.580	200	19475	3.26	ng		98
70) Pentachlorophenol	16.763	266	10615	2.71	ng		91
71) Phenanthrene	17.157	178	139919	4.09	ng		98
72) Anthracene	17.245	178	128747	3.87	ng		99
73) Carbazole	17.515	167	117061	3.58	ng		99
74) Di-n-butylphthalate	18.086	149	110215	3.49	ng		99
75) Fluoranthene	19.168	202	143650	3.80	ng		99
77) Benzidine	19.356	184	40709	2.26	ng		97
78) Pyrene	19.527	202	157696	3.74	ng		99
80) Butylbenzylphthalate	20.433	149	43165	3.03	ng		94
81) Benzo(a)anthracene	21.268	228	158037	3.89	ng		98
82) 3,3'-Dichlorobenzidine	21.203	252	45204	3.72	ng		98
83) Chrysene	21.321	228	156152	3.84	ng		99
84) Bis(2-ethylhexyl)phtha...	21.209	149	71432	3.49	ng	#	98
85) Di-n-octyl phthalate	22.086	149	111794	3.37	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.774	276	199687	4.17	ng		99
88) Benzo(b)fluoranthene	22.845	252	168326	3.95	ng		99
89) Benzo(k)fluoranthene	22.892	252	162953	3.94	ng		99
90) Benzo(a)pyrene	23.421	252	147697	3.83	ng		96
91) Dibenzo(a,h)anthracene	25.785	278	165080	4.03	ng		100
92) Benzo(g,h,i)perylene	26.462	276	165106	4.11	ng		99

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

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