Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029236.D
Acq On : 26 Mar 2021 16:21
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:09 PM

Quant Time: Mar 26 16:52:50 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	96959	20.00	ng		0.00
21) Naphthalene-d8	10.539	136	379566	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	226111	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	476796	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	501632	20.00	ng		-0.01
86) Perylene-d12	23.521	264	516759	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	407285	72.41	ng		0.00
7) Phenol-d6	6.922	99	568737	70.46	ng		0.00
23) Nitrobenzene-d5	8.904	82	464178	59.37	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	147794	70.58	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	948014	59.47	ng		0.00
79) Terphenyl-d14	19.739	244	1434281	57.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	19010	7.44	ng		98
3) Pyridine	3.705	79	43913	7.13	ng		95
4) n-Nitrosodimethylamine	3.628	42	17747	6.42	ng	#	92
6) Aniline	7.087	93	72907	8.34	ng		98
8) 2-Chlorophenol	7.322	128	46373	7.31	ng		98
9) Benzaldehyde	6.904	77	46434	9.16	ng		95
10) Phenol	6.946	94	59898	7.51	ng		96
11) bis(2-Chloroethyl)ether	7.187	93	43455	7.61	ng		98
12) 1,3-Dichlorobenzene	7.646	146	52942	7.46	ng		96
13) 1,4-Dichlorobenzene	7.793	146	55292	7.68	ng		99
14) 1,2-Dichlorobenzene	8.104	146	52933	7.65	ng		97
15) Benzyl Alcohol	7.993	79	41530	7.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.287	45	70087	8.01	ng		99
17) 2-Methylphenol	8.193	107	36891	7.20	ng		95
18) Hexachloroethane	8.834	117	19532	7.47	ng		100
19) n-Nitroso-di-n-propyla...	8.557	70	37701	7.24	ng		99
20) 3+4-Methylphenols	8.510	107	49344	7.19	ng		97
22) Acetophenone	8.575	105	70475	7.42	ng	#	98
24) Nitrobenzene	8.945	77	62198	7.62	ng		97
25) Isophorone	9.469	82	90256	6.72	ng		98
26) 2-Nitrophenol	9.657	139	16426	6.04	ng		93
27) 2,4-Dimethylphenol	9.716	122	39397	7.55	ng		95
28) bis(2-Chloroethoxy)met...	9.957	93	57553	8.11	ng		95
29) 2,4-Dichlorophenol	10.181	162	36597	6.45	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	46269	7.18	ng		99
31) Naphthalene	10.586	128	146720	7.33	ng		99
32) Benzoic acid	9.769	122	10642	3.51	ng		94
33) 4-Chloroaniline	10.692	127	58091	7.35	ng		97
34) Hexachlorobutadiene	10.875	225	25245	6.75	ng		93
35) Caprolactam	11.457	113	9447	5.49	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	39726	6.56	ng		93
37) 2-Methylnaphthalene	12.198	142	100845	7.21	ng		99
38) 1-Methylnaphthalene	12.416	142	93355m	7.02	ng		
40) 1,2,4,5-Tetrachloroben...	12.569	216	46934	7.41	ng		99
41) Hexachlorocyclopentadiene	12.551	237	27011	7.77	ng		96
43) 2,4,6-Trichlorophenol	12.810	196	25422	6.16	ng		98

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44) 2,4,5-Trichlorophenol	12.875	196	30205	6.59	ng		97
46) 1,1'-Biphenyl	13.216	154	130219	7.58	ng		99
47) 2-Chloronaphthalene	13.251	162	100180	7.40	ng		100
48) 2-Nitroaniline	13.457	65	26255	6.62	ng		97
49) Acenaphthylene	14.104	152	147095	7.14	ng		97
50) Dimethylphthalate	13.839	163	121180	7.67	ng		99
51) 2,6-Dinitrotoluene	13.951	165	22916	6.70	ng		91
52) Acenaphthene	14.445	154	100633	7.69	ng		98
53) 3-Nitroaniline	14.280	138	22348	6.46	ng		93
54) 2,4-Dinitrophenol	14.480	184	8281	4.85	ng		96
55) Dibenzofuran	14.780	168	151733	7.37	ng		99
56) 4-Nitrophenol	14.580	139	17623	5.58	ng		100
57) 2,4-Dinitrotoluene	14.739	165	28129	6.26	ng	#	91
58) Fluorene	15.427	166	124337	7.45	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	24628	6.55	ng		96
60) Diethylphthalate	15.204	149	116395	7.48	ng		99
61) 4-Chlorophenyl-phenyle...	15.427	204	56641	7.36	ng		93
62) 4-Nitroaniline	15.439	138	23232	6.38	ng		97
63) Azobenzene	15.716	77	127826	7.18	ng		99
65) 4,6-Dinitro-2-methylph...	15.498	198	12341	4.64	ng		94
66) n-Nitrosodiphenylamine	15.633	169	103358	6.77	ng		98
67) 4-Bromophenyl-phenylether	16.316	248	27914	6.39	ng		97
68) Hexachlorobenzene	16.427	284	36327	7.06	ng		98
69) Atrazine	16.586	200	28588	5.93	ng		97
70) Pentachlorophenol	16.768	266	16746	5.29	ng		98
71) Phenanthrene	17.157	178	197712	7.15	ng		99
72) Anthracene	17.251	178	185564	6.91	ng		100
73) Carbazole	17.515	167	174862	6.62	ng		99
74) Di-n-butylphthalate	18.092	149	160819	6.31	ng		98
75) Fluoranthene	19.168	202	210612	6.90	ng		98
77) Benzidine	19.357	184	80004	5.52	ng		100
78) Pyrene	19.533	202	225407	6.64	ng		99
80) Butylbenzylphthalate	20.433	149	64694	5.64	ng		93
81) Benzo(a)anthracene	21.268	228	225660	6.89	ng		100
82) 3,3'-Dichlorobenzidine	21.203	252	68534	7.00	ng		98
83) Chrysene	21.321	228	222429	6.79	ng		99
84) Bis(2-ethylhexyl)phtha...	21.215	149	97820	5.93	ng		98
85) Di-n-octyl phthalate	22.086	149	156145	5.84	ng		96
87) Indeno(1,2,3-cd)pyrene	25.780	276	267420	7.08	ng		100
88) Benzo(b)fluoranthene	22.845	252	226838	6.75	ng		99
89) Benzo(k)fluoranthene	22.892	252	233224	7.14	ng		100
90) Benzo(a)pyrene	23.421	252	201347	6.61	ng		98
91) Dibenzo(a,h)anthracene	25.791	278	224815	6.95	ng		98
92) Benzo(g,h,i)perylene	26.468	276	225085	7.10	ng		98

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

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