Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062219\
Data File : BM021092.D
Acq On : 22 Jun 2019 09:34
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/26/2019 1:57:30 PM

Quant Time: Jun 24 05:50:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	248469	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1042766	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	708044	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1697071	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1466771	20.00	ng		0.00
87) Perylene-d12	23.61	264	1446723	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1670385	121.73	ng		0.00
7) Phenol-d6	6.95	99	2315910	115.89	ng		0.00
23) Nitrobenzene-d5	8.94	82	1621142	81.02	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	1803384	135.73	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	5124545	88.95	ng		0.00
79) Terphenyl-d14	19.79	244	8382736	106.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	43869	8.486	ng		98
3) Pyridine	3.73	79	102356	6.885	ng		98
4) n-Nitrosodimethylamine	3.64	42	39608	6.919	ng	#	93
6) Aniline	7.12	93	182986	6.875	ng		98
8) 2-Chlorophenol	7.34	128	127065	7.524	ng		97
9) Benzaldehyde	6.93	77	118535	7.083	ng		99
10) Phenol	6.97	94	146836	7.193	ng		96
11) bis(2-Chloroethyl)ether	7.21	93	117559	7.273	ng		99
12) 1,3-Dichlorobenzene	7.66	146	148949	7.280	ng		96
13) 1,4-Dichlorobenzene	7.81	146	150418	7.231	ng		99
14) 1,2-Dichlorobenzene	8.12	146	148542	7.286	ng		99
15) Benzyl Alcohol	8.02	79	115375	7.131	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	153629	7.349	ng		98
17) 2-Methylphenol	8.22	107	102774	7.048	ng		98
18) Hexachloroethane	8.85	117	52413	7.018	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	108049	7.430	ng		98
20) 3+4-Methylphenols	8.55	107	142488	7.099	ng		98
22) Acetophenone	8.60	105	217476	8.184	ng	#	98
24) Nitrobenzene	8.98	77	159815	8.063	ng		99
25) Isophorone	9.50	82	292861	7.823	ng		99
26) 2-Nitrophenol	9.69	139	66856	6.889	ng		95
27) 2,4-Dimethylphenol	9.74	122	116500	8.230	ng		98
28) bis(2-Chloroethoxy)methane	9.98	93	178381	7.668	ng		99
29) 2,4-Dichlorophenol	10.22	162	131013	7.152	ng		96
30) 1,2,4-Trichlorobenzene	10.43	180	162359	7.518	ng		97
31) Naphthalene	10.62	128	436425	7.909	ng		99
32) Benzoic acid	9.83	122	67361m	5.883	ng		
33) 4-Chloroaniline	10.73	127	179726	7.174	ng		99
34) Hexachlorobutadiene	10.89	225	99038	7.263	ng		99
35) Caprolactam	11.53	113	39151	6.833	ng		96
36) 4-Chloro-3-methylphenol	11.85	107	141657	7.599	ng		99
37) 2-Methylnaphthalene	12.23	142	345546	8.138	ng		99
38) 1-Methylnaphthalene	12.45	142	329823	8.144	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	210263	7.846	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	92684	5.966 ng	99
43) 2,4,6-Trichlorophenol	12.84	196	119956	6.764 ng	100
44) 2,4,5-Trichlorophenol	12.91	196	128137	6.978 ng	98
46) 1,1'-Biphenyl	13.25	154	508767	8.395 ng	99
47) 2-Chloronaphthalene	13.29	162	370051	7.518 ng	99
48) 2-Nitroaniline	13.50	65	85732	6.367 ng	98
49) Acenaphthylene	14.14	152	580926	7.756 ng	99
50) Dimethylphthalate	13.87	163	488533	7.760 ng	99
51) 2,6-Dinitrotoluene	14.00	165	100501	7.421 ng	95
52) Acenaphthene	14.48	154	349407	7.732 ng	99
53) 3-Nitroaniline	14.33	138	89191	6.460 ng	99
54) 2,4-Dinitrophenol	14.54	184	30677	4.217 ng	96
55) Dibenzofuran	14.82	168	590093	8.004 ng	98
56) 4-Nitrophenol	14.64	139	61267	5.803 ng	93
57) 2,4-Dinitrotoluene	14.79	165	129844	6.943 ng	97
58) Fluorene	15.46	166	469847	7.800 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	131833	7.513 ng	97
60) Diethylphthalate	15.24	149	480275	7.746 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	261627	7.688 ng	96
62) 4-Nitroaniline	15.50	138	90485	6.244 ng	91
63) Azobenzene	15.76	77	397206	7.810 ng	100
65) 4,6-Dinitro-2-methylphenol	15.55	198	50548	4.831 ng	98
66) n-Nitrosodiphenylamine	15.68	169	414647	7.752 ng	100
67) 4-Bromophenyl-phenylether	16.36	248	164085	7.263 ng	98
68) Hexachlorobenzene	16.46	284	196356	7.275 ng	99
69) Atrazine	16.63	200	137163	7.885 ng	99
70) Pentachlorophenol	16.81	266	87922	6.046 ng	99
71) Phenanthrene	17.20	178	775673	7.931 ng	99
72) Anthracene	17.30	178	763648	7.882 ng	99
73) Carbazole	17.57	167	651144	7.601 ng	99
74) Di-n-butylphthalate	18.13	149	739493	7.052 ng	99
75) Fluoranthene	19.22	202	867077	7.677 ng	99
77) Benzidine	19.42	184	252771	5.935 ng	99
78) Pyrene	19.59	202	881283	8.285 ng	99
80) Butylbenzylphthalate	20.49	149	286806	6.764 ng	98
81) Benzo(a)anthracene	21.33	228	764648	7.647 ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	258556	6.827 ng	96
83) Chrysene	21.38	228	755986	7.937 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	397163	6.581 ng	100
85) Di-n-octyl phthalate	22.14	149	633733	6.678 ng	100
86) Indeno(1,2,3-cd)pyrene	25.91	276	770267	7.308 ng	99
88) Benzo(b)fluoranthene	22.93	252	716214	7.338 ng	99
89) Benzo(k)fluoranthene	22.97	252	735145	7.792 ng	99
90) Benzo(a)pyrene	23.51	252	678682	7.706 ng	99
91) Dibenzo(a,h)anthracene	25.92	278	644580	7.341 ng	99
92) Benzo(g,h,i)perylene	26.61	276	637758	7.789 ng	100

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

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