Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
Data File : BM026490.D
Acq On : 22 Jun 2020 14:54
Operator : JU/CG
Sample : L2182-09
Misc : MDL-MDL-W-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2020

Quant Time: Jun 22 15:28:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 14:45:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	112746	20.00	ng		0.00
21) Naphthalene-d8	10.14	136	472689	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	315004	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	693856	20.00	ng		0.00
76) Chrysene-d12	21.01	240	699757	20.00	ng		0.00
86) Perylene-d12	23.10	264	662905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	1010341	158.44	ng		0.00
7) Phenol-d6	6.59	99	1501929	162.65	ng		0.00
23) Nitrobenzene-d5	8.53	82	1116732	116.00	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	739259	193.74	ng		0.00
45) 2-Fluorobiphenyl	12.65	172	2399040	115.61	ng		0.00
79) Terphenyl-d14	19.46	244	4149107	115.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	23183	8.063	ng		95
3) Pyridine	3.40	79	50563	5.988	ng		93
4) n-Nitrosodimethylamine	3.32	42	31168	7.455	ng		82
6) Aniline	6.73	93	88045	7.269	ng		94
8) 2-Chlorophenol	6.96	128	53295	7.246	ng		97
9) Benzaldehyde	6.55	77	53003m	9.002	ng		
10) Phenol	6.62	94	70075	7.126	ng		86
11) bis(2-Chloroethyl)ether	6.83	93	56051	7.076	ng		95
12) 1,3-Dichlorobenzene	7.27	146	58323	7.162	ng		99
13) 1,4-Dichlorobenzene	7.42	146	60310	7.271	ng		94
14) 1,2-Dichlorobenzene	7.73	146	58623	7.235	ng		97
15) Benzyl Alcohol	7.64	79	52917	6.749	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	112316	7.593	ng		99
17) 2-Methylphenol	7.85	107	45872	6.382	ng		96
18) Hexachloroethane	8.44	117	22667	7.216	ng		92
19) n-Nitroso-di-n-propylamine	8.19	70	54931	7.634	ng		95
20) 3+4-Methylphenols	8.17	107	60931	6.220	ng		96
22) Acetophenone	8.20	105	94424	7.769	ng		94
24) Nitrobenzene	8.57	77	82270	8.163	ng		96
25) Isophorone	9.10	82	137240	7.588	ng		99
26) 2-Nitrophenol	9.28	139	26373	6.612	ng	#	86
27) 2,4-Dimethylphenol	9.36	122	37625	5.976	ng		94
28) bis(2-Chloroethoxy)methane	9.59	93	79521	7.750	ng		98
29) 2,4-Dichlorophenol	9.82	162	47911	6.935	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	57967	7.652	ng		98
31) Naphthalene	10.19	128	183740	7.714	ng		99
32) Benzoic acid	9.46	122	11994m	2.564	ng		
33) 4-Chloroaniline	10.32	127	71101	6.844	ng		98
34) Hexachlorobutadiene	10.48	225	36685	7.671	ng		100
35) Caprolactam	11.10	113	18869	7.774	ng		90
36) 4-Chloro-3-methylphenol	11.46	107	60615	7.201	ng		96
37) 2-Methylnaphthalene	11.82	142	133855	7.886	ng		95
38) 1-Methylnaphthalene	12.04	142	132558	8.244	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	72776	8.116	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	39348	7.446	ng		95
43) 2,4,6-Trichlorophenol	12.46	196	41954	6.913	ng		94
44) 2,4,5-Trichlorophenol	12.54	196	45515	6.461	ng		96
46) 1,1'-Biphenyl	12.86	154	184176	8.340	ng		99
47) 2-Chloronaphthalene	12.90	162	133368	7.435	ng		99
48) 2-Nitroaniline	13.12	65	45639	6.420	ng		93
49) Acenaphthylene	13.76	152	215180	7.500	ng		98
50) Dimethylphthalate	13.52	163	175730	7.627	ng		99
51) 2,6-Dinitrotoluene	13.63	165	35884	7.098	ng		94
52) Acenaphthene	14.10	154	129877	7.540	ng		99
53) 3-Nitroaniline	13.96	138	32526	5.777	ng		99
54) 2,4-Dinitrophenol	14.19	184	41742	13.585	ng		94
55) Dibenzofuran	14.44	168	211732	7.629	ng		98
56) 4-Nitrophenol	14.30	139	55692	12.474	ng		93
57) 2,4-Dinitrotoluene	14.43	165	49599	7.056	ng	#	85
58) Fluorene	15.10	166	168590	7.479	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.69	232	43434	7.208	ng		97
60) Diethylphthalate	14.90	149	180249	7.681	ng		99
61) 4-Chlorophenyl-phenylether	15.10	204	89481	7.484	ng		98
62) 4-Nitroaniline	15.14	138	32596	5.429	ng		89
63) Azobenzene	15.40	77	198225	7.720	ng		95
65) 4,6-Dinitro-2-methylphenol	15.21	198	24743	5.864	ng		92
66) n-Nitrosodiphenylamine	15.33	169	151060	7.515	ng		98
67) 4-Bromophenyl-phenylether	16.00	248	55250	7.233	ng		96
68) Hexachlorobenzene	16.11	284	61911	7.768	ng		98
69) Atrazine	16.29	200	58562	9.752	ng		99
70) Pentachlorophenol	16.46	266	26748	5.573	ng		97
71) Phenanthrene	16.84	178	278217	7.700	ng		100
72) Anthracene	16.93	178	272480	7.556	ng		100
73) Carbazole	17.21	167	241502	7.062	ng		99
74) Di-n-butylphthalate	17.79	149	293709	7.283	ng		99
75) Fluoranthene	18.87	202	326618	7.884	ng		99
77) Benzidine	19.07	184	103099	7.093	ng		99
78) Pyrene	19.23	202	343145	7.422	ng		100
80) Butylbenzylphthalate	20.17	149	132256	7.074	ng		99
81) Benzo(a)anthracene	21.00	228	340598	8.109	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	119997	9.234	ng		99
83) Chrysene	21.04	228	330056	8.246	ng		98
84) Bis(2-ethylhexyl)phthalate	20.96	149	204587	7.674	ng		99
85) Di-n-octyl phthalate	21.81	149	331016	8.049	ng		96
87) Indeno(1,2,3-cd)pyrene	25.13	276	283333	7.389	ng		99
88) Benzo(b)fluoranthene	22.49	252	310012	7.774	ng		100
89) Benzo(k)fluoranthene	22.53	252	308614	7.966	ng		98
90) Benzo(a)pyrene	23.01	252	260970	7.368	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	239740	7.489	ng		99
92) Benzo(g,h,i)perylene	25.75	276	228586	7.503	ng		99

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

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