Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
Data File : BM026487.D
Acq On : 22 Jun 2020 12:56
Operator : JU/CG
Sample : L1161-09
Misc : MDL-MDL-W-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2020

Quant Time: Jun 22 17:44:45 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 12:46:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	96654	20.00	ng		0.00
21) Naphthalene-d8	10.14	136	409231	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	275620	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	621138	20.00	ng		0.00
76) Chrysene-d12	21.01	240	665129	20.00	ng		0.00
86) Perylene-d12	23.10	264	668527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	880842	161.13	ng		0.00
7) Phenol-d6	6.59	99	1306905	165.09	ng		0.00
23) Nitrobenzene-d5	8.53	82	966999	116.02	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	652911	195.56	ng		0.00
45) 2-Fluorobiphenyl	12.65	172	2076593	114.37	ng		0.00
79) Terphenyl-d14	19.46	244	3829190	111.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	20234	8.210	ng		97
3) Pyridine	3.41	79	42167	5.825	ng	#	93
4) n-Nitrosodimethylamine	3.32	42	26225	7.317	ng		86
6) Aniline	6.73	93	77961	7.508	ng		99
8) 2-Chlorophenol	6.96	128	46993	7.453	ng		95
9) Benzaldehyde	6.55	77	46038	9.121	ng		95
10) Phenol	6.62	94	62681	7.435	ng		93
11) bis(2-Chloroethyl)ether	6.83	93	48901	7.202	ng		98
12) 1,3-Dichlorobenzene	7.27	146	49504	7.091	ng		97
13) 1,4-Dichlorobenzene	7.42	146	51061	7.181	ng		98
14) 1,2-Dichlorobenzene	7.73	146	50505	7.271	ng		97
15) Benzyl Alcohol	7.64	79	45004	6.695	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.93	45	95780	7.553	ng		97
17) 2-Methylphenol	7.85	107	39158	6.355	ng		97
18) Hexachloroethane	8.44	117	19968	7.415	ng		92
19) n-Nitroso-di-n-propylamine	8.20	70	47030	7.624	ng		95
20) 3+4-Methylphenols	8.17	107	52490	6.250	ng		96
22) Acetophenone	8.20	105	83525	7.937	ng	#	90
24) Nitrobenzene	8.57	77	70222	8.048	ng		98
25) Isophorone	9.10	82	117478	7.503	ng		99
26) 2-Nitrophenol	9.28	139	23066	6.680	ng		97
27) 2,4-Dimethylphenol	9.36	122	33279	6.105	ng		96
28) bis(2-Chloroethoxy)methane	9.59	93	67755	7.627	ng		99
29) 2,4-Dichlorophenol	9.82	162	40871	6.834	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	49571	7.558	ng		95
31) Naphthalene	10.19	128	158583	7.690	ng		99
32) Benzoic acid	9.46	122	10238m	2.528	ng		
33) 4-Chloroaniline	10.33	127	61168	6.801	ng		98
34) Hexachlorobutadiene	10.49	225	31507	7.610	ng		93
35) Caprolactam	11.10	113	15715	7.479	ng	#	86
36) 4-Chloro-3-methylphenol	11.46	107	52954	7.266	ng		96
37) 2-Methylnaphthalene	11.82	142	115589	7.866	ng		98
38) 1-Methylnaphthalene	12.04	142	110550	7.941	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	62530	7.970	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	33559	7.258	ng		97
43) 2,4,6-Trichlorophenol	12.46	196	36924	6.953	ng		92
44) 2,4,5-Trichlorophenol	12.53	196	38392	6.228	ng		95
46) 1,1'-Biphenyl	12.86	154	159734	8.266	ng		99
47) 2-Chloronaphthalene	12.90	162	116428	7.418	ng		98
48) 2-Nitroaniline	13.12	65	40645	6.534	ng		96
49) Acenaphthylene	13.76	152	187402	7.465	ng		99
50) Dimethylphthalate	13.52	163	153314	7.605	ng		99
51) 2,6-Dinitrotoluene	13.63	165	31880	7.207	ng		97
52) Acenaphthene	14.10	154	113088	7.504	ng		99
53) 3-Nitroaniline	13.96	138	28112	5.707	ng		99
54) 2,4-Dinitrophenol	14.19	184	36065	13.414	ng		97
55) Dibenzofuran	14.45	168	186276	7.671	ng		99
56) 4-Nitrophenol	14.30	139	48626	12.448	ng		92
57) 2,4-Dinitrotoluene	14.43	165	43898	7.137	ng	#	84
58) Fluorene	15.10	166	150171	7.614	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.69	232	39263	7.447	ng		97
60) Diethylphthalate	14.90	149	155934	7.594	ng		99
61) 4-Chlorophenyl-phenylether	15.10	204	79358	7.586	ng		97
62) 4-Nitroaniline	15.14	138	27227m	5.183	ng		
63) Azobenzene	15.40	77	171838	7.649	ng		96
65) 4,6-Dinitro-2-methylphenol	15.21	198	20801	5.507	ng		88
66) n-Nitrosodiphenylamine	15.33	169	131488	7.307	ng		98
67) 4-Bromophenyl-phenylether	16.00	248	46693	6.829	ng		93
68) Hexachlorobenzene	16.11	284	54606	7.653	ng		98
69) Atrazine	16.29	200	52276	9.724	ng		98
70) Pentachlorophenol	16.46	266	23219	5.404	ng		97
71) Phenanthrene	16.84	178	249451	7.712	ng		99
72) Anthracene	16.93	178	240546	7.451	ng		99
73) Carbazole	17.21	167	213826	6.985	ng		99
74) Di-n-butylphthalate	17.79	149	259087	7.176	ng		99
75) Fluoranthene	18.87	202	296173	7.986	ng		98
77) Benzidine	19.07	184	95954	6.945	ng		96
78) Pyrene	19.23	202	313053	7.123	ng		99
80) Butylbenzylphthalate	20.17	149	117835	6.630	ng		97
81) Benzo(a)anthracene	21.00	228	323900	8.113	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	111438	9.022	ng		99
83) Chrysene	21.04	228	316318	8.314	ng		100
84) Bis(2-ethylhexyl)phthalate	20.96	149	190335	7.511	ng		99
85) Di-n-octyl phthalate	21.81	149	313360	8.016	ng		95
87) Indeno(1,2,3-cd)pyrene	25.13	276	283982	7.343	ng		100
88) Benzo(b)fluoranthene	22.49	252	312307	7.766	ng		99
89) Benzo(k)fluoranthene	22.53	252	304295	7.788	ng		100
90) Benzo(a)pyrene	23.01	252	258757	7.244	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	238676	7.393	ng		98
92) Benzo(g,h,i)perylene	25.74	276	234123	7.621	ng		99

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

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