Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
Data File : BF120629.D
Acq On : 16 Jun 2020 15:31
Operator : JU/CG
Sample : L2182-09
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 16 16:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171121	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	618618	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	324039	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	621423	20.00	ng		0.00
76) Chrysene-d12	13.95	240	491507	20.00	ng		-0.01
86) Perylene-d12	15.39	264	557807	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1408845	141.15	ng		0.00
7) Phenol-d6	6.43	99	1785718	143.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	1130645	102.16	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	557994	148.11	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1995396	94.21	ng		0.00
79) Terphenyl-d14	12.90	244	2287833	102.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	37392	7.904	ng		94
3) Pyridine	3.28	79	72600	5.459	ng		96
4) n-Nitrosodimethylamine	3.15	42	38185	6.919	ng	#	100
6) Aniline	6.46	93	130682	8.214	ng		97
8) 2-Chlorophenol	6.58	128	87193	7.731	ng		94
9) Benzaldehyde	6.35	77	73198	9.309	ng		99
10) Phenol	6.45	94	109328	8.243	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	84392	7.639	ng		96
12) 1,3-Dichlorobenzene	6.74	146	97038	8.093	ng		98
13) 1,4-Dichlorobenzene	6.82	146	99567	8.416	ng		99
14) 1,2-Dichlorobenzene	6.97	146	91975	7.981	ng		98
15) Benzyl Alcohol	6.93	79	80009	9.075	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	125604	7.896	ng		98
17) 2-Methylphenol	7.05	107	70730	7.353	ng		96
18) Hexachloroethane	7.31	117	35301	8.098	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	60901	8.446	ng		99
20) 3+4-Methylphenols	7.20	107	92438	7.690	ng	#	82
22) Acetophenone	7.20	105	131062	9.476	ng		96
24) Nitrobenzene	7.37	77	94848	8.190	ng		91
25) Isophorone	7.61	82	166385	7.718	ng		94
26) 2-Nitrophenol	7.69	139	43699	7.132	ng		98
27) 2,4-Dimethylphenol	7.73	122	61575	6.825	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	107508	8.603	ng		99
29) 2,4-Dichlorophenol	7.93	162	72878	7.947	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	83368	8.204	ng		99
31) Naphthalene	8.10	128	271398	8.935	ng		100
32) Benzoic acid	7.80	122	25126	3.630	ng		96
33) 4-Chloroaniline	8.15	127	109398	7.846	ng		99
34) Hexachlorobutadiene	8.22	225	48801	8.238	ng		98
35) Caprolactam	8.48	113	24062	8.204	ng	#	86
36) 4-Chloro-3-methylphenol	8.62	107	72572	7.921	ng		96
37) 2-Methylnaphthalene	8.79	142	180939	9.125	ng		99
38) 1-Methylnaphthalene	8.89	142	169588	9.089	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	88172	9.113	ng		98

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ClientSampleId : MDL-WATER-03-QT2-2020

Quant Time: Jun 16 16:05:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	30279	5.585	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	51400	7.489	ng		100
44) 2,4,5-Trichlorophenol	9.10	196	53596	6.883	ng		95
46) 1,1'-Biphenyl	9.25	154	234381	9.687	ng		97
47) 2-Chloronaphthalene	9.27	162	167941	8.488	ng		98
48) 2-Nitroaniline	9.37	65	45296	7.289	ng		94
49) Acenaphthylene	9.69	152	268924	8.807	ng		97
50) Dimethylphthalate	9.55	163	189458	8.118	ng		99
51) 2,6-Dinitrotoluene	9.61	165	39776	7.521	ng		97
52) Acenaphthene	9.86	154	164410	9.028	ng		99
53) 3-Nitroaniline	9.77	138	43537	6.854	ng		92
54) 2,4-Dinitrophenol	9.89	184	10543	3.718	ng	#	86
55) Dibenzofuran	10.03	168	246491	8.827	ng		99
56) 4-Nitrophenol	9.94	139	28660	5.990	ng		99
57) 2,4-Dinitrotoluene	10.01	165	51796	7.380	ng	#	86
58) Fluorene	10.37	166	188974	8.778	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	47219	7.708	ng		98
60) Diethylphthalate	10.25	149	190689	8.296	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	94316	8.484	ng		97
62) 4-Nitroaniline	10.39	138	43756	6.938	ng		97
63) Azobenzene	10.53	77	181506	8.699	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	20510	5.500	ng		96
66) n-Nitrosodiphenylamine	10.49	169	164833	8.637	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	57823	8.199	ng		92
68) Hexachlorobenzene	10.92	284	64240	8.472	ng		96
69) Atrazine	11.01	200	54160	9.171	ng		97
70) Pentachlorophenol	11.12	266	22993	5.454	ng		94
71) Phenanthrene	11.34	178	277990	8.999	ng		98
72) Anthracene	11.39	178	279775	8.985	ng		98
73) Carbazole	11.54	167	253833	8.235	ng		98
74) Di-n-butylphthalate	11.87	149	301099	8.689	ng		99
75) Fluoranthene	12.52	202	303842	8.603	ng		99
77) Benzidine	12.64	184	140945	8.479	ng		95
78) Pyrene	12.75	202	313282	8.997	ng		98
80) Butylbenzylphthalate	13.37	149	120222	7.776	ng		94
81) Benzo(a)anthracene	13.94	228	277053	9.382	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	106535	9.445	ng		99
83) Chrysene	13.97	228	272619	9.000	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	175324	9.292	ng		99
85) Di-n-octyl phthalate	14.54	149	295680	8.211	ng		99
87) Indeno(1,2,3-cd)pyrene	16.79	276	294653	8.684	ng		99
88) Benzo(b)fluoranthene	14.97	252	278670	8.387	ng		98
89) Benzo(k)fluoranthene	15.00	252	246496	8.384	ng		100
90) Benzo(a)pyrene	15.32	252	232564	7.821	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	245474	9.022	ng		99
92) Benzo(g,h,i)perylene	17.22	276	248372	9.056	ng		99

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

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