Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114662.D
Acq On : 30 May 2019 15:46
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 31 11:31:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	413857	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1554842	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	780546	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1480539	20.00	ng		0.00
76) Chrysene-d12	13.81	240	1117835	20.00	ng		0.00
87) Perylene-d12	15.20	264	1129445	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2991558	126.91	ng		0.01
7) Phenol-d6	6.33	99	3585422	126.22	ng		0.00
23) Nitrobenzene-d5	7.26	82	2198769	88.23	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	1054535	141.79	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3713466	79.04	ng		0.00
79) Terphenyl-d14	12.78	244	3932221	66.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	58662	5.186	ng		98
3) Pyridine	3.13	79	137272	4.170	ng		95
4) n-Nitrosodimethylamine	2.98	42	56080	4.209	ng	#	94
6) Aniline	6.36	93	215464	5.022	ng		97
8) 2-Chlorophenol	6.47	128	142184	5.223	ng		89
9) Benzaldehyde	6.23	77	117692	7.262	ng		99
10) Phenol	6.34	94	179933	5.244	ng		93
11) bis(2-Chloroethyl)ether	6.43	93	135517	5.163	ng		95
12) 1,3-Dichlorobenzene	6.63	146	163479	5.271	ng		99
13) 1,4-Dichlorobenzene	6.71	146	166548	5.353	ng		98
14) 1,2-Dichlorobenzene	6.86	146	155169	5.478	ng		96
15) Benzyl Alcohol	6.83	79	146893	6.574	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	192591	4.784	ng		97
17) 2-Methylphenol	6.94	107	115034	4.996	ng		97
18) Hexachloroethane	7.21	117	56731	4.816	ng		90
19) n-Nitroso-di-n-propylamine	7.10	70	99962	5.098	ng		97
20) 3+4-Methylphenols	7.10	107	150622	5.562	ng		92
22) Acetophenone	7.10	105	207170	6.253	ng		96
24) Nitrobenzene	7.27	77	152113	5.746	ng		97
25) Isophorone	7.51	82	267593	5.350	ng		100
26) 2-Nitrophenol	7.59	139	61468	4.770	ng		99
27) 2,4-Dimethylphenol	7.63	122	124692	5.818	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	170966	5.370	ng		98
29) 2,4-Dichlorophenol	7.82	162	117711	5.396	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	139003	5.593	ng		99
31) Naphthalene	7.99	128	446564	6.235	ng		96
32) Benzoic acid	7.68	122	45715	3.284	ng		97
33) 4-Chloroaniline	8.04	127	181202	5.311	ng		97
34) Hexachlorobutadiene	8.12	225	74366	5.386	ng		100
35) Caprolactam	8.36	113	35093	4.767	ng		98
36) 4-Chloro-3-methylphenol	8.52	107	117661	5.378	ng		97
37) 2-Methylnaphthalene	8.68	142	302735	6.362	ng		98
38) 1-Methylnaphthalene	8.78	142	285039	6.322	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	130325	6.270	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114662.D
Acq On : 30 May 2019 15:46
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 31 11:31:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	74388	5.415	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	84422	5.162	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	87248	5.346	ng		97
46) 1,1'-Biphenyl	9.15	154	368812	6.365	ng		96
47) 2-Chloronaphthalene	9.17	162	280979	5.912	ng		96
48) 2-Nitroaniline	9.25	65	66782	4.553	ng		95
49) Acenaphthylene	9.57	152	447907	6.100	ng		97
50) Dimethylphthalate	9.44	163	318067	5.848	ng		99
51) 2,6-Dinitrotoluene	9.50	165	65332	5.169	ng		95
52) Acenaphthene	9.75	154	271239	6.023	ng		98
53) 3-Nitroaniline	9.66	138	74492	4.816	ng		96
54) 2,4-Dinitrophenol	9.76	184	12420	2.491	ng	#	66
55) Dibenzofuran	9.92	168	394088	6.148	ng		94
56) 4-Nitrophenol	9.81	139	49980	4.360	ng		91
57) 2,4-Dinitrotoluene	9.89	165	80651	4.972	ng		93
58) Fluorene	10.26	166	305163	7.051	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	71188	5.329	ng		97
60) Diethylphthalate	10.15	149	314461	5.661	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	149750	6.916	ng		99
62) 4-Nitroaniline	10.26	138	68588	4.551	ng		98
63) Azobenzene	10.42	77	288164	5.650	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	22368	3.407	ng		89
66) n-Nitrosodiphenylamine	10.37	169	262079	5.991	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	89347	5.628	ng		98
68) Hexachlorobenzene	10.81	284	98180	5.709	ng		92
69) Atrazine	10.89	200	77281	5.607	ng		97
70) Pentachlorophenol	11.00	266	43844	4.423	ng		97
71) Phenanthrene	11.22	178	456640	6.046	ng		96
72) Anthracene	11.26	178	463958	6.070	ng		97
73) Carbazole	11.42	167	401642	5.979	ng		95
74) Di-n-butylphthalate	11.76	149	488052	5.979	ng		96
75) Fluoranthene	12.39	202	456030	5.831	ng		95
77) Benzidine	12.52	184	218345	4.743	ng		99
78) Pyrene	12.62	202	473480	5.007	ng		96
80) Butylbenzylphthalate	13.25	149	182786	3.846	ng		98
81) Benzo(a)anthracene	13.80	228	414381	4.824	ng		97
82) 3,3'-Dichlorobenzidine	13.77	252	144175	4.346	ng		97
83) Chrysene	13.83	228	408531	4.978	ng		96
84) Bis(2-ethylhexyl)phthalate	13.82	149	264369	4.500	ng		97
85) Di-n-octyl phthalate	14.42	149	426483	4.178	ng		97
86) Indeno(1,2,3-cd)pyrene	16.50	276	342975	4.172	ng		98
88) Benzo(b)fluoranthene	14.80	252	365751	5.142	ng		98
89) Benzo(k)fluoranthene	14.83	252	392654	6.351	ng		96
90) Benzo(a)pyrene	15.14	252	348295	5.573	ng		99
91) Dibenzo(a,h)anthracene	16.53	278	287372	5.204	ng		98
92) Benzo(g,h,i)perylene	16.90	276	274171	5.115	ng		97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114662.D
Acq On : 30 May 2019 15:46
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 31 11:31:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration