Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120611.D
Acq On : 12 Jun 2020 13:56
Operator : JU/CG
Sample : L1161-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 12 15:08:20 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	145494	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	538164	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	287207	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	549397	20.00	ng		0.00
76) Chrysene-d12	13.95	240	449202	20.00	ng		-0.01
86) Perylene-d12	15.39	264	506795	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1243173	146.49	ng		0.00
7) Phenol-d6	6.43	99	1567933	148.34	ng		0.00
23) Nitrobenzene-d5	7.36	82	978433	101.63	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	490400	146.86	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1756100	93.55	ng		0.00
79) Terphenyl-d14	12.90	244	2049702	100.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	29342	7.295	ng		99
3) Pyridine	3.27	79	62617	5.538	ng		95
4) n-Nitrosodimethylamine	3.15	42	33917	7.228	ng	#	92
6) Aniline	6.46	93	112458	8.314	ng		97
8) 2-Chlorophenol	6.58	128	73921	7.708	ng		94
9) Benzaldehyde	6.35	77	64367	9.628	ng		94
10) Phenol	6.45	94	94846	8.410	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	71969	7.662	ng		95
12) 1,3-Dichlorobenzene	6.74	146	81118	7.957	ng		98
13) 1,4-Dichlorobenzene	6.82	146	81950	8.147	ng		100
14) 1,2-Dichlorobenzene	6.97	146	76290	7.786	ng		98
15) Benzyl Alcohol	6.93	79	71840	9.584	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	106523	7.876	ng		99
17) 2-Methylphenol	7.05	107	60414	7.386	ng		100
18) Hexachloroethane	7.31	117	29399	7.932	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	52293	8.529	ng		99
20) 3+4-Methylphenols	7.20	107	77276	7.561	ng	#	73
22) Acetophenone	7.20	105	109275	9.082	ng		97
24) Nitrobenzene	7.38	77	81187	8.058	ng		99
25) Isophorone	7.62	82	142894	7.619	ng		98
26) 2-Nitrophenol	7.69	139	36542	6.856	ng		98
27) 2,4-Dimethylphenol	7.73	122	55484	7.070	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	90339	8.310	ng		99
29) 2,4-Dichlorophenol	7.93	162	61024	7.649	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	68050	7.697	ng		99
31) Naphthalene	8.10	128	226755	8.581	ng		99
32) Benzoic acid	7.80	122	18635	3.095	ng		98
33) 4-Chloroaniline	8.15	127	90614	7.471	ng		96
34) Hexachlorobutadiene	8.22	225	40031	7.768	ng		96
35) Caprolactam	8.48	113	20235	7.931	ng		93
36) 4-Chloro-3-methylphenol	8.63	107	61885	7.765	ng		99
37) 2-Methylnaphthalene	8.79	142	150221	8.708	ng		99
38) 1-Methylnaphthalene	8.89	142	141688	8.729	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	71490	8.336	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120611.D
Acq On : 12 Jun 2020 13:56
Operator : JU/CG
Sample : L1161-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 12 15:08:20 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	26631	5.542	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	42391	6.968	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	44434	6.438	ng		97
46) 1,1'-Biphenyl	9.25	154	192354	8.969	ng		97
47) 2-Chloronaphthalene	9.28	162	139369	7.947	ng		99
48) 2-Nitroaniline	9.37	65	38715	7.029	ng		88
49) Acenaphthylene	9.69	152	225998	8.350	ng		98
50) Dimethylphthalate	9.55	163	158559	7.666	ng		97
51) 2,6-Dinitrotoluene	9.61	165	33248	7.093	ng		94
52) Acenaphthene	9.86	154	137078	8.492	ng		99
53) 3-Nitroaniline	9.78	138	36660	6.511	ng		96
54) 2,4-Dinitrophenol	9.89	184	8575	3.412	ng	#	88
55) Dibenzofuran	10.03	168	208860	8.439	ng		99
56) 4-Nitrophenol	9.94	139	24966	5.887	ng		95
57) 2,4-Dinitrotoluene	10.02	165	42186	6.782	ng		97
58) Fluorene	10.38	166	156622	8.209	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	37250	6.860	ng		97
60) Diethylphthalate	10.25	149	160232	7.865	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	79827	8.102	ng		92
62) 4-Nitroaniline	10.39	138	37022	6.623	ng		98
63) Azobenzene	10.53	77	156085	8.440	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16078	4.877	ng		92
66) n-Nitrosodiphenylamine	10.49	169	137584	8.155	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	47595	7.633	ng		98
68) Hexachlorobenzene	10.93	284	53204	7.936	ng		95
69) Atrazine	11.01	200	45341	8.685	ng		98
70) Pentachlorophenol	11.12	266	17298	4.641	ng		97
71) Phenanthrene	11.34	178	228724	8.375	ng		98
72) Anthracene	11.39	178	232990	8.464	ng		98
73) Carbazole	11.55	167	214433	7.869	ng		99
74) Di-n-butylphthalate	11.88	149	249864	8.156	ng		98
75) Fluoranthene	12.53	202	254445	8.149	ng		96
77) Benzidine	12.64	184	131225	8.638	ng		97
78) Pyrene	12.75	202	264450	8.310	ng		98
80) Butylbenzylphthalate	13.37	149	100121	7.086	ng		99
81) Benzo(a)anthracene	13.94	228	240841	8.924	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	96382	9.350	ng		99
83) Chrysene	13.97	228	232575	8.401	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	149056	8.643	ng		100
85) Di-n-octyl phthalate	14.54	149	251357	7.637	ng		98
87) Indeno(1,2,3-cd)pyrene	16.80	276	263610	8.551	ng		99
88) Benzo(b)fluoranthene	14.97	252	233980	7.751	ng		98
89) Benzo(k)fluoranthene	15.00	252	225604	8.446	ng		98
90) Benzo(a)pyrene	15.33	252	207306	7.673	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	219989	8.899	ng		98
92) Benzo(g,h,i)perylene	17.22	276	219178	8.796	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120611.D
Acq On : 12 Jun 2020 13:56
Operator : JU/CG
Sample : L1161-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 12 15:08:20 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