Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022738.D
Acq On : 20 Sep 2019 22:44
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-W-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:35:05 AM

Quant Time: Sep 21 02:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	196558	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	799880	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	464769	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	906697	20.00	ng		0.00
76) Chrysene-d12	21.37	240	855744	20.00	ng		-0.01
87) Perylene-d12	23.64	264	885229	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1420962	114.65	ng		0.00
7) Phenol-d6	6.99	99	1838084	115.47	ng		0.00
23) Nitrobenzene-d5	8.97	82	1113157	77.25	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	674460	116.25	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2588560	76.70	ng		0.00
79) Terphenyl-d14	19.82	244	3625577	82.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	52202	10.468	ng	#	100
3) Pyridine	3.73	79	115700	8.802	ng		96
4) n-Nitrosodimethylamine	3.63	42	44238	9.245	ng	#	89
6) Aniline	7.15	93	186646	9.779	ng		98
8) 2-Chlorophenol	7.39	128	126359	10.007	ng		97
9) Benzaldehyde	6.96	77	108124	11.929	ng		98
10) Phenol	7.01	94	153110	10.217	ng		95
11) bis(2-Chloroethyl)ether	7.25	93	116107	9.861	ng		99
12) 1,3-Dichlorobenzene	7.72	146	142968	9.473	ng		99
13) 1,4-Dichlorobenzene	7.86	146	144637	9.467	ng		99
14) 1,2-Dichlorobenzene	8.17	146	139207	9.557	ng		99
15) Benzyl Alcohol	8.06	79	95341	9.572	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	169282	9.897	ng		100
17) 2-Methylphenol	8.26	107	95355	9.613	ng		98
18) Hexachloroethane	8.90	117	52365	9.344	ng		94
19) n-Nitroso-di-n-propylamine	8.63	70	88157	9.918	ng		98
20) 3+4-Methylphenols	8.59	107	127347	9.639	ng		98
22) Acetophenone	8.64	105	182599	9.248	ng	#	99
24) Nitrobenzene	9.02	77	139602	10.126	ng		99
25) Isophorone	9.55	82	225980	9.538	ng		100
26) 2-Nitrophenol	9.73	139	48041	8.072	ng		97
27) 2,4-Dimethylphenol	9.79	122	99446	9.981	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	156341	9.536	ng		99
29) 2,4-Dichlorophenol	10.26	162	101735	9.031	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	128944	9.303	ng		99
31) Naphthalene	10.66	128	393220	9.949	ng		100
32) Benzoic acid	9.86	122	35671m	5.562	ng		
33) 4-Chloroaniline	10.77	127	160968	9.380	ng		99
34) Hexachlorobutadiene	10.96	225	72322	8.753	ng		98
35) Caprolactam	11.55	113	27704m	8.295	ng		
36) 4-Chloro-3-methylphenol	11.89	107	101504	9.235	ng		100
37) 2-Methylnaphthalene	12.28	142	271048	9.852	ng		100
38) 1-Methylnaphthalene	12.50	142	254170	9.733	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	135301	8.591	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022738.D
Acq On : 20 Sep 2019 22:44
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-W-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:35:05 AM

Quant Time: Sep 21 02:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	78727	9.162	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	73542	8.091	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	81840	8.640	ng		98
46) 1,1'-Biphenyl	13.29	154	344394	8.953	ng		99
47) 2-Chloronaphthalene	13.33	162	270473	9.434	ng		100
48) 2-Nitroaniline	13.53	65	58355	7.817	ng		94
49) Acenaphthylene	14.18	152	404612	9.530	ng		100
50) Dimethylphthalate	13.91	163	307711	9.161	ng		100
51) 2,6-Dinitrotoluene	14.02	165	62083	8.837	ng		95
52) Acenaphthene	14.52	154	257565	9.273	ng		100
53) 3-Nitroaniline	14.35	138	62514	7.729	ng	#	95
54) 2,4-Dinitrophenol	14.56	184	19871	5.990	ng		99
55) Dibenzofuran	14.86	168	403619	9.954	ng		99
56) 4-Nitrophenol	14.65	139	48590	7.816	ng		94
57) 2,4-Dinitrotoluene	14.81	165	71299	7.747	ng		91
58) Fluorene	15.50	166	315769	9.583	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	69403	8.402	ng		97
60) Diethylphthalate	15.27	149	292868	8.967	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	157743	9.317	ng		97
62) 4-Nitroaniline	15.51	138	66790	7.877	ng		97
63) Azobenzene	15.79	77	278846	9.455	ng		98
65) 4,6-Dinitro-2-methylphenol	15.57	198	31220	7.352	ng		99
66) n-Nitrosodiphenylamine	15.71	169	262552	9.479	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	89229	8.848	ng		99
68) Hexachlorobenzene	16.51	284	105258	8.950	ng		98
69) Atrazine	16.66	200	73921	8.209	ng		98
70) Pentachlorophenol	16.84	266	47786	7.619	ng		99
71) Phenanthrene	17.23	178	493043	9.637	ng		99
72) Anthracene	17.33	178	466313	9.405	ng		100
73) Carbazole	17.59	167	427523	9.266	ng		100
74) Di-n-butylphthalate	18.16	149	410984	7.856	ng		99
75) Fluoranthene	19.25	202	522414	9.049	ng		98
77) Benzidine	19.43	184	209280	8.915	ng		99
78) Pyrene	19.61	202	548979	9.789	ng		99
80) Butylbenzylphthalate	20.51	149	157771	7.402	ng		93
81) Benzo(a)anthracene	21.35	228	524163	9.451	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	170617	8.675	ng		99
83) Chrysene	21.40	228	520529	9.681	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	238642	7.557	ng		98
85) Di-n-octyl phthalate	22.17	149	356711	7.087	ng		97
86) Indeno(1,2,3-cd)pyrene	25.94	276	558508	8.703	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	511131	9.536	ng		99
89) Benzo(k)fluoranthene	23.00	252	491018	9.233	ng		99
90) Benzo(a)pyrene	23.54	252	464032	9.396	ng		98
91) Dibenzo(a,h)anthracene	25.96	278	474713	9.189	ng		99
92) Benzo(g,h,i)perylene	26.65	276	455928	9.292	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022738.D
Acq On : 20 Sep 2019 22:44
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-W-10PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 21 02:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:35:05 AM