Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105166.D
Acq On : 9 May 2018 1:11
Operator : JU/SJ
Sample : J2133-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:07 PM

Quant Time: May 09 09:34:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	203464	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	805100	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	397800	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	777973	20.00	ng		0.00
75) Chrysene-d12	14.00	240	667793	20.00	ng		-0.02
86) Perylene-d12	15.54	264	581926	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1534843	124.28	ng		0.00
7) Phenol-d6	6.42	99	1823388	123.99	ng		0.00
23) Nitrobenzene-d5	7.36	82	1072362	90.27	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	575610	131.15	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1965315	76.68	ng		0.00
78) Terphenyl-d14	12.91	244	2156520	75.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	7124	1.091	ng		98
3) Pyridine	3.37	79	16094	0.919	ng		97
4) n-Nitrosodimethylamine	3.20	42	6605	0.744	ng	#	83
6) Aniline	6.46	93	20291	0.945	ng	#	89
8) 2-Chlorophenol	6.57	128	14454	1.103	ng		95
9) Benzaldehyde	6.35	77	6233	0.553	ng		92
10) Phenol	6.43	94	16941	1.035	ng	#	1
11) bis(2-Chloroethyl)ether	6.53	93	14776	1.096	ng		94
12) 1,3-Dichlorobenzene	6.73	146	18394	1.165	ng		96
13) 1,4-Dichlorobenzene	6.81	146	18108	1.147	ng		98
14) 1,2-Dichlorobenzene	6.96	146	16431	1.128	ng		96
15) Benzyl Alcohol	6.93	79	10814	0.961	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	26231	1.047	ng		98
17) 2-Methylphenol	7.03	107	12312	1.088	ng	#	94
18) Hexachloroethane	7.30	117	5683	1.118	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	9949	1.022	ng		93
20) 3+4-Methylphenols	7.19	107	15447	1.162	ng	#	87
22) Acetophenone	7.19	105	23774	1.267	ng	#	93
24) Nitrobenzene	7.37	77	18487	1.373	ng	#	96
25) Isophorone	7.36	82	1071634	40.337	ng	#	64
26) 2-Nitrophenol	7.69	139	4400	10.574	ng	#	88
27) 2,4-Dimethylphenol	7.72	122	9728	0.824	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	16475	1.005	ng		97
29) 2,4-Dichlorophenol	7.92	162	10574	0.957	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	15166	1.191	ng		99
31) Naphthalene	8.09	128	47235	1.218	ng		97
32) Benzoic acid	7.75	122	2828	9.540	ng		93
33) 4-Chloroaniline	8.14	127	14885	0.923	ng		96
34) Hexachlorobutadiene	8.21	225	8668	1.175	ng		99
35) Caprolactam	8.46	113	2426	0.723	ng		91
36) 4-Chloro-3-methylphenol	8.60	107	9762	0.849	ng		95
37) 2-Methylnaphthalene	8.78	142	29786	1.102	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	14382	1.136	ng		97
40) Hexachlorocyclopentadiene	8.93	237	5804	0.848	ng		94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105166.D
Acq On : 9 May 2018 1:11
Operator : JU/SJ
Sample : J2133-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:07 PM

Quant Time: May 09 09:34:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	7022	0.909	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	7652	0.948	ng		89
45) 1,1'-Biphenyl	9.25	154	46900	1.447	ng		96
46) 2-Chloronaphthalene	9.27	162	29519	1.219	ng		96
47) 2-Nitroaniline	9.36	65	5116	6.444	ng		97
48) Acenaphthylene	9.68	152	42699	1.141	ng		100
49) Dimethylphthalate	9.54	163	31993	1.188	ng		99
50) 2,6-Dinitrotoluene	9.60	165	4631	0.793	ng		94
51) Acenaphthene	9.86	154	29503	1.224	ng		95
52) 3-Nitroaniline	9.77	138	5092	0.827	ng		88
53) 2,4-Dinitrophenol	9.87	184	486	9.621	ng	#	16
54) Dibenzofuran	10.03	168	40981	1.162	ng		93
55) 4-Nitrophenol	9.92	139	2877	4.792	ng		90
56) 2,4-Dinitrotoluene	10.00	165	5511	4.264	ng	#	94
57) Fluorene	10.37	166	31752	1.228	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	6205	0.861	ng	#	79
59) Diethylphthalate	10.25	149	29457	1.113	ng	#	93
60) 4-Chlorophenyl-phenylether	10.37	204	16347	1.358	ng	#	87
61) 4-Nitroaniline	10.37	138	4835	0.789	ng		99
62) Azobenzene	10.53	77	27789	1.007	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	1383	9.263	ng		80
65) n-Nitrosodiphenylamine	10.48	169	26959	1.112	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	9504	1.145	ng	#	86
67) Hexachlorobenzene	10.92	284	11699	1.224	ng	#	82
68) Atrazine	11.00	200	4811	0.633	ng		97
69) Pentachlorophenol	11.11	266	3611	3.840	ng		97
70) Phenanthrene	11.33	178	51053	1.245	ng		98
71) Anthracene	11.39	178	45733	1.097	ng		96
72) Carbazole	11.54	167	41132	1.095	ng		98
73) Di-n-butylphthalate	11.87	149	34288	0.854	ng		99
74) Fluoranthene	12.52	202	45628	1.068	ng		92
76) Benzidine	12.65	184	5050m	0.203	ng		
77) Pyrene	12.75	202	47647	0.981	ng		99
79) Butylbenzylphthalate	13.39	149	9550	7.365	ng		94
80) Benzo(a)anthracene	13.99	228	41478	1.024	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	7414	0.487	ng		96
82) Chrysene	14.02	228	46336	1.111	ng		93
83) Bis(2-ethylhexyl)phthalate	13.99	149	13040	0.649	ng		99
84) Di-n-octyl phthalate	14.67	149	13807	7.239	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.97	276	25849	0.782	ng		94
87) Benzo(b)fluoranthene	15.11	252	32865	0.923	ng		95
88) Benzo(k)fluoranthene	15.13	252	34563	1.001	ng		97
89) Benzo(a)pyrene	15.47	252	27885	0.861	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	20131	0.800	ng	#	96
91) Benzo(g,h,i)perylene	17.40	276	20637	0.839	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105166.D
Acq On : 9 May 2018 1:11
Operator : JU/SJ
Sample : J2133-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 09 09:34:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:07 PM