Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103199.D
Acq On : 23 Feb 2018 15:04
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-1ppm
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:39 AM

Quant Time: Feb 23 17:10:54 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174054	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	764789	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	357392	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	627615	20.00	ng		0.00
75) Chrysene-d12	14.04	240	459352	20.00	ng		0.00
86) Perylene-d12	15.54	264	436532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1310774	113.90	ng		0.00
7) Phenol-d6	6.50	99	1612543	114.51	ng		0.00
23) Nitrobenzene-d5	7.44	82	1177930	87.96	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	358057	118.36	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1745936	83.88	ng		0.00
78) Terphenyl-d14	12.99	244	1443881	75.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	5809	0.956	ng		98
4) n-Nitrosodimethylamine	3.49	42	3776m	0.577	ng		
6) Aniline	6.54	93	20870	1.027	ng		96
8) 2-Chlorophenol	6.66	128	13151	1.100	ng		95
9) Benzaldehyde	6.43	77	7301	0.152	ng		94
10) Phenol	6.52	94	18291	1.119	ng		82
11) bis(2-Chloroethyl)ether	6.60	93	14081	1.135	ng		94
12) 1,3-Dichlorobenzene	6.81	146	15124	1.107	ng		98
13) 1,4-Dichlorobenzene	6.89	146	15403	1.125	ng		98
14) 1,2-Dichlorobenzene	7.04	146	15011	1.189	ng		95
15) Benzyl Alcohol	7.03	79	26452	2.493	ng	#	42
16) 2,2'-oxybis(1-Chloropropan	7.14	45	23503	1.103	ng		93
17) 2-Methylphenol	7.12	107	12236	1.126	ng		92
18) Hexachloroethane	7.38	117	5530	1.109	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	10551	1.204	ng	#	88
20) 3+4-Methylphenols	7.29	107	15646	1.181	ng	#	85
22) Acetophenone	7.27	105	22491	1.260	ng	#	93
24) Nitrobenzene	7.45	77	19148	1.299	ng		97
25) Isophorone	7.69	82	29190m	1.107	ng		
26) 2-Nitrophenol	7.77	139	6062	0.873	ng	#	89
27) 2,4-Dimethylphenol	7.81	122	9962	0.939	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	15981	1.031	ng		99
29) 2,4-Dichlorophenol	8.04	162	9471	0.932	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	11130	1.029	ng		94
31) Naphthalene	8.17	128	43694	1.167	ng		97
32) Benzoic acid	7.92	122	1256	7.050	ng	#	56
33) 4-Chloroaniline	8.23	127	15644	0.968	ng		94
34) Hexachlorobutadiene	8.29	225	6342	1.126	ng		98
35) Caprolactam	8.57	113	2538	0.711	ng	#	74
36) 4-Chloro-3-methylphenol	8.71	107	11567	1.010	ng		96
37) 2-Methylnaphthalene	8.87	142	28050	1.159	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	11002	1.126	ng		96
42) 2,4,6-Trichlorophenol	9.15	196	6047	0.920	ng		91
43) 2,4,5-Trichlorophenol	9.20	196	5831	0.771	ng		93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103199.D
Acq On : 23 Feb 2018 15:04
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-1ppm
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:39 AM

Quant Time: Feb 23 17:10:54 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.33	154	39936	1.334	ng		96
46) 2-Chloronaphthalene	9.36	162	26341	1.112	ng		99
47) 2-Nitroaniline	9.46	65	7805	0.889	ng		86
48) Acenaphthylene	9.77	152	40047	1.099	ng		99
49) Dimethylphthalate	9.62	163	30575	1.066	ng		99
50) 2,6-Dinitrotoluene	9.69	165	5358	0.891	ng		96
51) Acenaphthene	9.94	154	24801	1.167	ng		98
52) 3-Nitroaniline	9.87	138	6566	0.860	ng		93
54) Dibenzofuran	10.12	168	35589	1.220	ng		95
55) 4-Nitrophenol	10.12	139	16792	3.549	ng	#	13
56) 2,4-Dinitrotoluene	10.10	165	6264	0.823	ng	#	87
57) Fluorene	10.46	166	28464	1.145	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	5039	0.992	ng	#	92
59) Diethylphthalate	10.32	149	31496	1.149	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	12468	1.183	ng		95
61) 4-Nitroaniline	10.49	138	5647	0.741	ng		90
62) Azobenzene	10.61	77	31613	1.133	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	901	5.157	ng	#	48
65) n-Nitrosodiphenylamine	10.56	169	25460	1.165	ng		94
66) 4-Bromophenyl-phenylether	10.94	248	7044	1.077	ng		88
67) Hexachlorobenzene	11.00	284	7403	1.043	ng		95
68) Atrazine	11.09	200	5985	0.911	ng		88
69) Pentachlorophenol	11.22	266	556	0.162	ng		92
70) Phenanthrene	11.42	178	41712	1.208	ng		96
71) Anthracene	11.47	178	39834	1.125	ng		99
72) Carbazole	11.64	167	37432	1.061	ng		99
73) Di-n-butylphthalate	11.95	149	48410	1.097	ng		98
74) Fluoranthene	12.62	202	39152	1.128	ng		98
76) Benzidine	12.74	184	8012	0.467	ng	#	93
77) Pyrene	12.84	202	40618	1.134	ng		100
79) Butylbenzylphthalate	13.45	149	16996	0.898	ng		97
80) Benzo(a)anthracene	14.07	228	32253	1.082	ng		97
81) 3,3'-Dichlorobenzidine	14.00	252	9732	0.915	ng		98
82) Chrysene	14.07	228	32253	1.115	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	26399	1.034	ng	#	99
84) Di-n-octyl phthalate	14.63	149	39682	0.962	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.06	276	24877	1.086	ng		99
87) Benzo(b)fluoranthene	15.10	252	25821m	0.900	ng		
88) Benzo(k)fluoranthene	15.13	252	30319	1.122	ng		99
89) Benzo(a)pyrene	15.47	252	25766	1.005	ng	#	94
90) Dibenzo(a,h)anthracene	17.07	278	20153	1.018	ng	#	93
91) Benzo(g,h,i)perylene	17.52	276	19693	1.017	ng	#	76

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103199.D
Acq On : 23 Feb 2018 15:04
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-1ppm
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 23 17:10:54 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:39 AM