Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115625.D
Acq On : 17 Jul 2019 16:39
Operator : HP/JU
Sample : K3838-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Manual Integrations APPROVED
mohammad
7/19/2019 2:25:52 PM

Quant Time: Jul 18 05:12:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190811	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	659260	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	321655	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	589759	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	307427	20.00	ng		-0.02
87) Perylene-d12	15.50	264	323097	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1133356	97.16	ng		0.01
7) Phenol-d6	6.52	99	1540039	104.04	ng		0.00
23) Nitrobenzene-d5	7.45	82	887985	78.32	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	363550	96.83	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1600725	87.10	ng		-0.01
79) Terphenyl-d14	12.98	244	1455446	87.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	193819	33.309	ng		98
3) Pyridine	3.52	79	213663	13.534	ng		99
4) n-Nitrosodimethylamine	3.45	42	220414	38.485	ng		98
6) Aniline	6.55	93	516345	25.066	ng		97
8) 2-Chlorophenol	6.67	128	507812	37.863	ng		96
9) Benzaldehyde	6.43	77	266945	28.859	ng		99
10) Phenol	6.53	94	619235	36.038	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	474789	36.292	ng		100
12) 1,3-Dichlorobenzene	6.83	146	526536	34.918	ng		98
13) 1,4-Dichlorobenzene	6.90	146	551979	36.688	ng		97
14) 1,2-Dichlorobenzene	7.06	146	512952	37.296	ng		97
15) Benzyl Alcohol	7.02	79	446948	38.064	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	660050	38.323	ng		97
17) 2-Methylphenol	7.13	107	441744	38.219	ng		99
18) Hexachloroethane	7.40	117	160680	28.773	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	308563	31.963	ng		99
20) 3+4-Methylphenols	7.29	107	441202	32.137	ng		94
22) Acetophenone	7.29	105	610704	41.004	ng	#	93
24) Nitrobenzene	7.46	77	473043	38.682	ng		97
25) Isophorone	7.70	82	865061	38.130	ng		100
26) 2-Nitrophenol	7.78	139	212730	33.797	ng		94
27) 2,4-Dimethylphenol	7.82	122	366996	38.968	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	535671	38.487	ng		98
29) 2,4-Dichlorophenol	8.02	162	368548	37.627	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	424293	38.323	ng		99
31) Naphthalene	8.19	128	1270408	39.790	ng		97
33) 4-Chloroaniline	8.23	127	392721	27.769	ng		99
34) Hexachlorobutadiene	8.31	225	240525	37.883	ng		98
35) Caprolactam	8.59	113	65351m	21.592	ng		
36) 4-Chloro-3-methylphenol	8.71	107	393272	38.708	ng		99
37) 2-Methylnaphthalene	8.87	142	848491	40.091	ng		99
38) 1-Methylnaphthalene	8.97	142	795454	39.570	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	387845	40.041	ng		98
41) Hexachlorocyclopentadiene	9.03	237	328801	59.508	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115625.D
Acq On : 17 Jul 2019 16:39
Operator : HP/JU
Sample : K3838-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Manual Integrations APPROVED
mohammad
7/19/2019 2:25:52 PM

Quant Time: Jul 18 05:12:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	254265	35.896	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	260531	35.915	ng		99
46) 1,1'-Biphenyl	9.34	154	1036786	41.230	ng		99
47) 2-Chloronaphthalene	9.36	162	814936	38.921	ng		99
48) 2-Nitroaniline	9.46	65	247694	38.220	ng		93
49) Acenaphthylene	9.78	152	1230331	39.655	ng		98
50) Dimethylphthalate	9.64	163	1202457	49.688	ng		99
51) 2,6-Dinitrotoluene	9.70	165	216172	39.306	ng		93
52) Acenaphthene	9.95	154	734985	36.693	ng		98
53) 3-Nitroaniline	9.86	138	203114	32.318	ng		99
54) 2,4-Dinitrophenol	9.97	184	14935	5.289	ng		93
55) Dibenzofuran	10.12	168	1092657	38.412	ng		99
56) 4-Nitrophenol	10.02	139	301448	62.900	ng		98
57) 2,4-Dinitrotoluene	10.10	165	276607	38.821	ng		97
58) Fluorene	10.46	166	786256	38.664	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	190346	31.389	ng		99
60) Diethylphthalate	10.33	149	893566	39.408	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	415439	36.839	ng		99
62) 4-Nitroaniline	10.47	138	207179	34.367	ng		97
63) Azobenzene	10.62	77	861450	39.168	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	57817	16.046	ng		89
66) n-Nitrosodiphenylamine	10.57	169	734003	40.010	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	263962	39.166	ng		96
68) Hexachlorobenzene	11.02	284	286044	37.165	ng	#	94
69) Atrazine	11.10	200	240572	39.974	ng		99
70) Pentachlorophenol	11.20	266	180563	38.357	ng		100
71) Phenanthrene	11.43	178	1153106	38.144	ng		97
72) Anthracene	11.47	178	1193240	38.193	ng		100
73) Carbazole	11.63	167	1023490	37.358	ng		98
74) Di-n-butylphthalate	11.96	149	1298094	38.466	ng		99
75) Fluoranthene	12.61	202	1107398	34.665	ng		99
77) Benzidine	12.72	184	103120	9.469	ng		100
78) Pyrene	12.84	202	1071963	41.156	ng		98
80) Butylbenzylphthalate	13.45	149	464869	41.867	ng		98
81) Benzo(a)anthracene	14.03	228	796394	39.322	ng		96
82) 3,3'-Dichlorobenzidine	13.98	252	268381	37.275	ng		97
83) Chrysene	14.06	228	783064	38.515	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	605227	44.005	ng		99
85) Di-n-octyl phthalate	14.62	149	935676	42.758	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	836029	48.400	ng		100
88) Benzo(b)fluoranthene	15.07	252	756340	36.354	ng		99
89) Benzo(k)fluoranthene	15.10	252	717256	38.669	ng		98
90) Benzo(a)pyrene	15.44	252	714331	39.948	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	702653	44.760	ng		99
92) Benzo(g,h,i)perylene	17.42	276	687153	43.890	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115625.D
Acq On : 17 Jul 2019 16:39
Operator : HP/JU
Sample : K3838-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 18 05:12:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Manual Integrations APPROVED
mohammad
7/19/2019 2:25:52 PM