Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115849.D
Acq On : 30 Jul 2019 18:35
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-5PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:56 PM

Quant Time: Jul 31 15:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127925	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	514756	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	271617	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	472404	20.00	ng		0.00
76) Chrysene-d12	14.02	240	364635	20.00	ng		0.00
87) Perylene-d12	15.49	264	350284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	959186	125.52	ng		0.00
7) Phenol-d6	6.49	99	1194800	123.93	ng		0.00
23) Nitrobenzene-d5	7.41	82	746655	83.73	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	323265	122.76	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1243989	85.79	ng		0.00
79) Terphenyl-d14	12.96	244	1324467	76.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	20648	5.349	ng		100
3) Pyridine	3.45	79	40296	3.737	ng		99
4) n-Nitrosodimethylamine	3.31	42	20269	4.763	ng	#	92
6) Aniline	6.52	93	71341	5.167	ng		99
8) 2-Chlorophenol	6.64	128	46007	5.445	ng		96
9) Benzaldehyde	6.40	77	39894	5.997	ng		98
10) Phenol	6.49	94	62690	5.522	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	43077	5.161	ng		96
12) 1,3-Dichlorobenzene	6.79	146	50217	5.142	ng		99
13) 1,4-Dichlorobenzene	6.87	146	51186	5.235	ng		98
14) 1,2-Dichlorobenzene	7.02	146	47519	5.278	ng		99
15) Benzyl Alcohol	6.99	79	46032	6.291	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	57218	5.025	ng		98
17) 2-Methylphenol	7.10	107	38531	5.385	ng		98
18) Hexachloroethane	7.36	117	17635	4.899	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	31315	5.242	ng		96
20) 3+4-Methylphenols	7.26	107	47867	5.653	ng	#	48
22) Acetophenone	7.26	105	64608	5.723	ng		98
24) Nitrobenzene	7.43	77	53176	5.522	ng		97
25) Isophorone	7.66	82	86281	5.060	ng		97
26) 2-Nitrophenol	7.75	139	20643	4.548	ng		98
27) 2,4-Dimethylphenol	7.79	122	37513	5.493	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	53050	5.019	ng		98
29) 2,4-Dichlorophenol	8.00	162	35850	4.972	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	41628	5.065	ng		99
31) Naphthalene	8.15	128	138226	5.706	ng		99
32) Benzoic acid	7.88	122	12054m	2.504	ng		
33) 4-Chloroaniline	8.20	127	55612	5.138	ng		96
34) Hexachlorobutadiene	8.27	225	22970	4.852	ng		99
35) Caprolactam	8.53	113	10929	4.687	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	38403	5.120	ng		94
37) 2-Methylnaphthalene	8.85	142	91339	5.725	ng		98
38) 1-Methylnaphthalene	8.95	142	85824	5.687	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	39587	5.452	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115849.D
Acq On : 30 Jul 2019 18:35
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-5PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:56 PM

Quant Time: Jul 31 15:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	5411	1.906	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	22325	4.467	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	24738	4.788	ng		97
46) 1,1'-Biphenyl	9.31	154	112437	5.863	ng		99
47) 2-Chloronaphthalene	9.34	162	84139	5.272	ng		99
48) 2-Nitroaniline	9.43	65	23950	4.540	ng		94
49) Acenaphthylene	9.75	152	131506	5.648	ng		97
50) Dimethylphthalate	9.60	163	92861	5.021	ng		99
51) 2,6-Dinitrotoluene	9.67	165	19309	4.804	ng	#	85
52) Acenaphthene	9.92	154	79847	5.590	ng		98
53) 3-Nitroaniline	9.84	138	21939	4.418	ng		87
54) 2,4-Dinitrophenol	9.97	184	1985	1.163	ng		98
55) Dibenzofuran	10.10	168	119383	5.747	ng		99
56) 4-Nitrophenol	10.02	139	10144	3.189	ng		94
57) 2,4-Dinitrotoluene	10.08	165	24261	4.534	ng		99
58) Fluorene	10.44	166	93203	5.832	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	19662	4.523	ng	#	96
60) Diethylphthalate	10.31	149	87532	5.069	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	43948	5.429	ng		94
62) 4-Nitroaniline	10.45	138	23323	4.544	ng		96
63) Azobenzene	10.59	77	95451	5.375	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	7013	2.801	ng		100
66) n-Nitrosodiphenylamine	10.55	169	78083	5.492	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	25339	5.011	ng		95
68) Hexachlorobenzene	10.99	284	29071	4.971	ng		96
69) Atrazine	11.07	200	22354	4.779	ng		99
70) Pentachlorophenol	11.19	266	8340	2.938	ng		95
71) Phenanthrene	11.40	178	139211	5.764	ng		98
72) Anthracene	11.46	178	138627	5.672	ng		100
73) Carbazole	11.61	167	122227	5.512	ng		97
74) Di-n-butylphthalate	11.94	149	124417	4.810	ng		98
75) Fluoranthene	12.59	202	137965	5.457	ng		98
77) Benzidine	12.71	184	58067	4.714	ng		98
78) Pyrene	12.82	202	146154	5.317	ng		98
80) Butylbenzylphthalate	13.43	149	45825	3.941	ng		95
81) Benzo(a)anthracene	14.01	228	118890	5.101	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	40175	4.962	ng		99
83) Chrysene	14.04	228	119118	5.264	ng		97
84) Bis(2-ethylhexyl)phthalate	14.00	149	63337	4.192	ng		98
85) Di-n-octyl phthalate	14.60	149	96139	4.006	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	86193	4.536	ng		99
88) Benzo(b)fluoranthene	15.06	252	95097	4.695	ng		98
89) Benzo(k)fluoranthene	15.09	252	106875m	5.418	ng		
90) Benzo(a)pyrene	15.42	252	91458	5.051	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	71065	4.534	ng		98
92) Benzo(g,h,i)perylene	17.40	276	69584	4.521	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115849.D
Acq On : 30 Jul 2019 18:35
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-5PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 31 15:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:56 PM