Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114664.D
Acq On : 30 May 2019 17:07
Operator : HP/JU
Sample : K2241-08
Misc : LOO-WATER-20PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2019

Quant Time: May 31 11:32:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	380586	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1460085	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	721762	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1357561	20.00	ng		0.00
76) Chrysene-d12	13.82	240	953507	20.00	ng		0.00
87) Perylene-d12	15.20	264	1063208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1994251	92.00	ng		0.00
7) Phenol-d6	6.33	99	2411349	92.31	ng		0.00
23) Nitrobenzene-d5	7.25	82	1403948	59.99	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	679381	98.79	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2628426	60.50	ng		0.00
79) Terphenyl-d14	12.77	244	2781011	54.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	238244	22.903	ng		99
3) Pyridine	3.05	79	588113	19.426	ng		98
4) n-Nitrosodimethylamine	2.98	42	240327	19.617	ng		93
6) Aniline	6.35	93	829604	21.026	ng		98
8) 2-Chlorophenol	6.47	128	573093	22.893	ng		98
9) Benzaldehyde	6.23	77	473356	31.760	ng		97
10) Phenol	6.34	94	699791	22.176	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	526927	21.831	ng		99
12) 1,3-Dichlorobenzene	6.63	146	634435	22.244	ng		98
13) 1,4-Dichlorobenzene	6.71	146	638831	22.327	ng		99
14) 1,2-Dichlorobenzene	6.86	146	588973	22.610	ng		99
15) Benzyl Alcohol	6.83	79	463026	22.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	756740	20.441	ng		99
17) 2-Methylphenol	6.95	107	465953	22.006	ng		99
18) Hexachloroethane	7.21	117	228338	21.078	ng		95
19) n-Nitroso-di-n-propylamine	7.11	70	381504	21.159	ng		99
20) 3+4-Methylphenols	7.10	107	556324	22.340	ng		98
22) Acetophenone	7.10	105	789853	25.389	ng	#	96
24) Nitrobenzene	7.27	77	570652	22.955	ng		99
25) Isophorone	7.52	82	1033475	22.004	ng		99
26) 2-Nitrophenol	7.59	139	280935	23.216	ng		99
27) 2,4-Dimethylphenol	7.63	122	512357	25.458	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	668590	22.363	ng		99
29) 2,4-Dichlorophenol	7.83	162	477156	23.293	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	542822	23.259	ng		99
31) Naphthalene	8.00	128	1641136	24.402	ng		97
32) Benzoic acid	7.73	122	301266	23.047	ng		98
33) 4-Chloroaniline	8.04	127	711505	22.205	ng		99
34) Hexachlorobutadiene	8.13	225	292999	22.599	ng		98
35) Caprolactam	8.39	113	149174	21.579	ng		100
36) 4-Chloro-3-methylphenol	8.52	107	479208	23.327	ng		98
37) 2-Methylnaphthalene	8.69	142	1127006	25.221	ng		98
38) 1-Methylnaphthalene	8.78	142	1059937	25.036	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	510326	26.550	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	320046	25.197 ng	99
43) 2,4,6-Trichlorophenol	8.96	196	340514	22.515 ng	99
44) 2,4,5-Trichlorophenol	8.99	196	355800	23.575 ng	98
46) 1,1'-Biphenyl	9.15	154	1377410	25.709 ng	98
47) 2-Chloronaphthalene	9.17	162	1050018	23.892 ng	99
48) 2-Nitroaniline	9.26	65	283792	20.925 ng	98
49) Acenaphthylene	9.58	152	1641930	24.183 ng	99
50) Dimethylphthalate	9.45	163	1186725	23.596 ng	99
51) 2,6-Dinitrotoluene	9.50	165	266356	22.792 ng	96
52) Acenaphthene	9.75	154	1001845	24.060 ng	99
53) 3-Nitroaniline	9.66	138	299173	20.917 ng	95
54) 2,4-Dinitrophenol	9.77	184	90475	19.627 ng	96
55) Dibenzofuran	9.92	168	1448755	24.443 ng	97
56) 4-Nitrophenol	9.82	139	232228	21.910 ng	91
57) 2,4-Dinitrotoluene	9.90	165	343805	22.923 ng	93
58) Fluorene	10.26	166	1029428	25.723 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	300384	24.316 ng	99
60) Diethylphthalate	10.15	149	1167726	22.733 ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	515310	25.736 ng	96
62) 4-Nitroaniline	10.27	138	274822	19.718 ng	98
63) Azobenzene	10.42	77	1094584	23.210 ng	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	123237	20.473 ng	88
66) n-Nitrosodiphenylamine	10.37	169	989509	24.670 ng	99
67) 4-Bromophenyl-phenylether	10.75	248	338694	23.265 ng	96
68) Hexachlorobenzene	10.81	284	363511	23.053 ng	96
69) Atrazine	10.90	200	303877	24.046 ng	98
70) Pentachlorophenol	11.00	266	205403	22.598 ng	98
71) Phenanthrene	11.22	178	1621528	23.415 ng	97
72) Anthracene	11.27	178	1650071	23.542 ng	98
73) Carbazole	11.42	167	1463765	23.763 ng	98
74) Di-n-butylphthalate	11.77	149	1770502	23.657 ng	98
75) Fluoranthene	12.40	202	1643444	22.919 ng	96
77) Benzidine	12.52	184	953202	24.277 ng	98
78) Pyrene	12.62	202	1676656	20.787 ng	98
80) Butylbenzylphthalate	13.25	149	748508	18.465 ng	97
81) Benzo(a)anthracene	13.80	228	1466696	20.017 ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	599109	21.172 ng	98
83) Chrysene	13.84	228	1459387	20.846 ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	1025957	20.472 ng	98
85) Di-n-octyl phthalate	14.43	149	1758900	20.200 ng	97
86) Indeno(1,2,3-cd)pyrene	16.52	276	1443303	20.585 ng	99
88) Benzo(b)fluoranthene	14.82	252	1457314	21.762 ng	99
89) Benzo(k)fluoranthene	14.84	252	1430249	24.573 ng	98
90) Benzo(a)pyrene	15.14	252	1380264	23.463 ng	99
91) Dibenzo(a,h)anthracene	16.54	278	1218342	23.437 ng	99
92) Benzo(g,h,i)perylene	16.92	276	1155637	22.905 ng	99

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

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