Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114984.D
Acq On : 12 Jun 2019 19:30
Operator : HP/JU
Sample : K2241-08
Misc : LOQ-WATER-20PPM
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 13 11:27:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 10:54:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	292481	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1169766	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	575654	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1121487	20.00	ng		0.00
76) Chrysene-d12	13.77	240	747997	20.00	ng		0.00
87) Perylene-d12	15.14	264	736603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1351045	77.13	ng		0.00
7) Phenol-d6	6.29	99	1712989	81.07	ng		0.00
23) Nitrobenzene-d5	7.21	82	983533	50.61	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	498428	80.86	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	1923189	56.62	ng		0.00
79) Terphenyl-d14	12.73	244	2077825	52.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	156828	19.128	ng		99
3) Pyridine	2.96	79	371931	16.112	ng		98
4) n-Nitrosodimethylamine	2.88	42	146063	17.823	ng		98
6) Aniline	6.31	93	544568	19.245	ng	#	83
8) 2-Chlorophenol	6.43	128	392267	19.750	ng		99
9) Benzaldehyde	6.19	77	314101	25.858	ng		99
10) Phenol	6.30	94	471043	19.926	ng		92
11) bis(2-Chloroethyl)ether	6.39	93	359263	19.580	ng		100
12) 1,3-Dichlorobenzene	6.59	146	440638	18.994	ng		99
13) 1,4-Dichlorobenzene	6.66	146	449652	19.279	ng		98
14) 1,2-Dichlorobenzene	6.82	146	420219	19.138	ng		98
15) Benzyl Alcohol	6.79	79	315983	19.960	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	479069	19.508	ng		97
17) 2-Methylphenol	6.91	107	322745	19.482	ng		98
18) Hexachloroethane	7.16	117	155015	18.404	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	256080	19.948	ng		95
20) 3+4-Methylphenols	7.06	107	398153	20.194	ng	#	80
22) Acetophenone	7.06	105	568458	21.468	ng		98
24) Nitrobenzene	7.23	77	393679	19.910	ng		94
25) Isophorone	7.47	82	716242	19.678	ng		98
26) 2-Nitrophenol	7.55	139	218084	19.788	ng		99
27) 2,4-Dimethylphenol	7.59	122	335992	21.133	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	453441	19.417	ng		99
29) 2,4-Dichlorophenol	7.79	162	337967	20.122	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	381222	19.643	ng		100
31) Naphthalene	7.95	128	1175898	21.246	ng		98
32) Benzoic acid	7.70	122	202147	17.572	ng		98
33) 4-Chloroaniline	8.00	127	500535	19.592	ng		99
34) Hexachlorobutadiene	8.07	225	204280	18.937	ng		99
35) Caprolactam	8.36	113	110425	19.740	ng		98
36) 4-Chloro-3-methylphenol	8.49	107	346199	20.454	ng		100
37) 2-Methylnaphthalene	8.64	142	798028	21.618	ng		99
38) 1-Methylnaphthalene	8.74	142	754289	21.619	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	364617	21.439	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	145075	17.311 ng	99
43) 2,4,6-Trichlorophenol	8.92	196	240726	18.951 ng	99
44) 2,4,5-Trichlorophenol	8.96	196	256465	19.978 ng	96
46) 1,1'-Biphenyl	9.10	154	992010	21.505 ng	98
47) 2-Chloronaphthalene	9.13	162	741546	19.879 ng	96
48) 2-Nitroaniline	9.22	65	205597	18.647 ng	94
49) Acenaphthylene	9.54	152	1185101	20.663 ng	96
50) Dimethylphthalate	9.40	163	854980	19.749 ng	99
51) 2,6-Dinitrotoluene	9.46	165	193141	19.668 ng	90
52) Acenaphthene	9.71	154	684543	20.862 ng	98
53) 3-Nitroaniline	9.63	138	223591	18.583 ng	97
54) 2,4-Dinitrophenol	9.73	184	82761	17.375 ng	94
55) Dibenzofuran	9.88	168	1028435	20.796 ng	97
56) 4-Nitrophenol	9.79	139	159120	19.178 ng	99
57) 2,4-Dinitrotoluene	9.86	165	258030	20.644 ng	98
58) Fluorene	10.22	166	759621	21.001 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	212929	20.534 ng	99
60) Diethylphthalate	10.10	149	820878	19.831 ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	363857	20.380 ng	97
62) 4-Nitroaniline	10.23	138	221890	18.342 ng	99
63) Azobenzene	10.37	77	747711	20.647 ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	115445	18.366 ng	98
66) n-Nitrosodiphenylamine	10.33	169	697887	20.818 ng	100
67) 4-Bromophenyl-phenylether	10.70	248	236191	19.615 ng	98
68) Hexachlorobenzene	10.77	284	259849	19.601 ng	96
69) Atrazine	10.86	200	214098	19.808 ng	98
70) Pentachlorophenol	10.96	266	137414	19.087 ng	98
71) Phenanthrene	11.17	178	1188033	20.517 ng	98
72) Anthracene	11.22	178	1220655	20.896 ng	98
73) Carbazole	11.38	167	1089735	21.373 ng	97
74) Di-n-butylphthalate	11.72	149	1287195	20.025 ng	99
75) Fluoranthene	12.35	202	1223776	20.669 ng	99
77) Benzidine	12.47	184	559135	18.481 ng	99
78) Pyrene	12.58	202	1242670	18.237 ng	98
80) Butylbenzylphthalate	13.20	149	553428	17.389 ng	94
81) Benzo(a)anthracene	13.76	228	1040698	18.592 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	416012	19.386 ng	99
83) Chrysene	13.80	228	1040391	18.691 ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	698341	18.565 ng	99
85) Di-n-octyl phthalate	14.38	149	1230502	18.996 ng	100
86) Indeno(1,2,3-cd)pyrene	16.44	276	826192	16.898 ng	99
88) Benzo(b)fluoranthene	14.76	252	932843	19.051 ng	100
89) Benzo(k)fluoranthene	14.79	252	930836	21.657 ng	99
90) Benzo(a)pyrene	15.09	252	861477	20.388 ng	99
91) Dibenzo(a,h)anthracene	16.46	278	692570	19.033 ng	99
92) Benzo(g,h,i)perylene	16.83	276	683781	18.426 ng	100

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

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