Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114982.D
Acq On : 12 Jun 2019 18:37
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-5PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 13 11:17:58 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	291158	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1129589	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	557480	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1080014	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	791106	20.00	ng		-0.01
87) Perylene-d12	15.14	264	739839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2129693	122.14	ng		0.00
7) Phenol-d6	6.30	99	2609373	124.06	ng		0.00
23) Nitrobenzene-d5	7.22	82	1598623	85.19	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	785687	131.61	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2737846	83.24	ng		0.00
79) Terphenyl-d14	12.73	244	2982101	70.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	40539	4.967	ng		100
3) Pyridine	3.06	79	90847	3.953	ng		97
4) n-Nitrosodimethylamine	2.89	42	33624	4.121	ng	#	99
6) Aniline	6.31	93	145701	5.172	ng		99
8) 2-Chlorophenol	6.43	128	102588	5.189	ng		99
9) Benzaldehyde	6.19	77	83720	6.923	ng		99
10) Phenol	6.30	94	125467	5.332	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	97031	5.312	ng		96
12) 1,3-Dichlorobenzene	6.59	146	117716	5.097	ng		99
13) 1,4-Dichlorobenzene	6.66	146	120969	5.210	ng		96
14) 1,2-Dichlorobenzene	6.82	146	113159	5.177	ng		98
15) Benzyl Alcohol	6.79	79	101970	6.470	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	125867	5.149	ng		98
17) 2-Methylphenol	6.91	107	86708	5.258	ng		94
18) Hexachloroethane	7.16	117	41247	4.919	ng		93
19) n-Nitroso-di-n-propylamine	7.06	70	70137	5.488	ng		98
20) 3+4-Methylphenols	7.06	107	111792	5.696	ng		96
22) Acetophenone	7.05	105	150301	5.878	ng	#	94
24) Nitrobenzene	7.23	77	108849	5.701	ng		96
25) Isophorone	7.46	82	193125	5.495	ng		97
26) 2-Nitrophenol	7.55	139	54584	5.129	ng		97
27) 2,4-Dimethylphenol	7.59	122	80020	5.212	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	122657	5.439	ng		96
29) 2,4-Dichlorophenol	7.79	162	88355	5.448	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	101154	5.398	ng		98
31) Naphthalene	7.95	128	328161	6.140	ng		97
32) Benzoic acid	7.66	122	33275	2.995	ng		96
33) 4-Chloroaniline	8.00	127	134835	5.465	ng		97
34) Hexachlorobutadiene	8.07	225	53821	5.167	ng		98
35) Caprolactam	8.33	113	27229	5.041	ng		97
36) 4-Chloro-3-methylphenol	8.48	107	89384	5.469	ng		96
37) 2-Methylnaphthalene	8.64	142	219680	6.163	ng		96
38) 1-Methylnaphthalene	8.73	142	209209	6.210	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	93936	5.703	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	23858	2.940	ng		95
43) 2,4,6-Trichlorophenol	8.92	196	60000	4.877	ng		99
44) 2,4,5-Trichlorophenol	8.96	196	63227	5.086	ng		96
46) 1,1'-Biphenyl	9.10	154	271996	6.089	ng		96
47) 2-Chloronaphthalene	9.12	162	203207	5.625	ng		98
48) 2-Nitroaniline	9.22	65	51389	4.813	ng		94
49) Acenaphthylene	9.53	152	333454	6.004	ng		97
50) Dimethylphthalate	9.40	163	230557	5.499	ng		97
51) 2,6-Dinitrotoluene	9.46	165	50452	5.305	ng		93
52) Acenaphthene	9.70	154	190491	5.995	ng		97
53) 3-Nitroaniline	9.62	138	58222	4.997	ng		99
54) 2,4-Dinitrophenol	9.73	184	10640	2.307	ng		87
55) Dibenzofuran	9.87	168	290298	6.061	ng		95
56) 4-Nitrophenol	9.79	139	34003	4.232	ng		95
57) 2,4-Dinitrotoluene	9.86	165	63992	5.287	ng		97
58) Fluorene	10.22	166	223746	6.388	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	54922	5.469	ng		97
60) Diethylphthalate	10.10	149	224220	5.593	ng		98
61) 4-Chlorophenyl-phenylether	10.22	204	106448	6.157	ng		91
62) 4-Nitroaniline	10.22	138	55784	4.762	ng		98
63) Azobenzene	10.37	77	200921	5.729	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	23056	3.809	ng		87
66) n-Nitrosodiphenylamine	10.33	169	191046	5.918	ng		98
67) 4-Bromophenyl-phenylether	10.70	248	63577	5.483	ng		94
68) Hexachlorobenzene	10.77	284	70777	5.544	ng	#	88
69) Atrazine	10.86	200	59032	5.671	ng		98
70) Pentachlorophenol	10.96	266	28924	4.172	ng		96
71) Phenanthrene	11.17	178	343781	6.165	ng		96
72) Anthracene	11.22	178	341825	6.076	ng		96
73) Carbazole	11.37	167	305138	6.214	ng		95
74) Di-n-butylphthalate	11.72	149	354824	5.732	ng	#	96
75) Fluoranthene	12.35	202	342872	6.013	ng		97
77) Benzidine	12.47	184	145427	4.545	ng		99
78) Pyrene	12.57	202	350041	4.857	ng		96
80) Butylbenzylphthalate	13.20	149	143847	4.273	ng		95
81) Benzo(a)anthracene	13.76	228	299850	5.065	ng		98
82) 3,3'-Dichlorobenzidine	13.72	252	106714	4.702	ng	#	95
83) Chrysene	13.79	228	295241	5.015	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	187651	4.717	ng		99
85) Di-n-octyl phthalate	14.37	149	326167	4.761	ng		99
86) Indeno(1,2,3-cd)pyrene	16.43	276	222765	4.308	ng		99
88) Benzo(b)fluoranthene	14.76	252	274327	5.578	ng		98
89) Benzo(k)fluoranthene	14.79	252	244889	5.673	ng		98
90) Benzo(a)pyrene	15.09	252	237556	5.598	ng		98
91) Dibenzo(a,h)anthracene	16.45	278	186643	5.107	ng		97
92) Benzo(g,h,i)perylene	16.82	276	180021	4.830	ng		100

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

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