Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117788.D
Acq On : 14 Nov 2019 11:07
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-WTR-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 11:53:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	247673	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	973197	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	522448	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	985013	20.00	ng		0.00
76) Chrysene-d12	14.11	240	740894	20.00	ng		0.00
87) Perylene-d12	15.62	264	703363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1895775	135.49	ng		0.00
7) Phenol-d6	6.55	99	2276457	134.89	ng		0.00
23) Nitrobenzene-d5	7.49	82	1671281	102.09	ng		0.00
42) 2,4,6-Tribromophenol	10.76	330	747078	135.07	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2910252	99.94	ng		0.00
79) Terphenyl-d14	13.06	244	3373062	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	32902	5.031	ng		99
3) Pyridine	3.54	79	73640	4.292	ng		99
4) n-Nitrosodimethylamine	3.42	42	36545	4.880	ng	#	98
6) Aniline	6.59	93	124459	5.581	ng		99
8) 2-Chlorophenol	6.70	128	84667	5.577	ng		91
9) Benzaldehyde	6.47	77	71162	6.750	ng		96
10) Phenol	6.56	94	94822	5.407	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	79867	5.671	ng		97
12) 1,3-Dichlorobenzene	6.86	146	97554	5.458	ng		98
13) 1,4-Dichlorobenzene	6.94	146	99516	5.508	ng		98
14) 1,2-Dichlorobenzene	7.10	146	92340	5.344	ng		97
15) Benzyl Alcohol	7.06	79	56719	4.353	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	112818	5.203	ng		99
17) 2-Methylphenol	7.16	107	69794	5.428	ng		99
18) Hexachloroethane	7.44	117	33322	5.021	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	59163	5.682	ng		99
20) 3+4-Methylphenols	7.32	107	91333	5.723	ng		95
22) Acetophenone	7.33	105	123832	5.664	ng		96
24) Nitrobenzene	7.50	77	96296	5.702	ng		99
25) Isophorone	7.74	82	161926	5.396	ng		98
26) 2-Nitrophenol	7.82	139	40165	4.886	ng		95
27) 2,4-Dimethylphenol	7.85	122	74077	5.799	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	100736	5.291	ng		97
29) 2,4-Dichlorophenol	8.06	162	71782	5.181	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	83502	5.196	ng		98
31) Naphthalene	8.23	128	266433	5.873	ng		97
32) Benzoic acid	7.90	122	24122	2.255	ng		97
33) 4-Chloroaniline	8.27	127	105426	5.191	ng		97
34) Hexachlorobutadiene	8.35	225	46776	4.978	ng		98
35) Caprolactam	8.60	113	21701	4.928	ng		89
36) 4-Chloro-3-methylphenol	8.75	107	73220	5.207	ng		98
37) 2-Methylnaphthalene	8.92	142	179094	5.842	ng		97
38) 1-Methylnaphthalene	9.02	142	170574	5.886	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	79076	5.212	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	41401	4.869	ng		97
43) 2,4,6-Trichlorophenol	9.20	196	49893	4.591	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	52864	4.685	ng		99
46) 1,1'-Biphenyl	9.39	154	224931	5.803	ng		97
47) 2-Chloronaphthalene	9.42	162	167646	5.258	ng		95
48) 2-Nitroaniline	9.50	65	41508	4.312	ng		96
49) Acenaphthylene	9.83	152	269070	5.788	ng		97
50) Dimethylphthalate	9.68	163	188852	5.155	ng		98
51) 2,6-Dinitrotoluene	9.74	165	39352	4.915	ng		98
52) Acenaphthene	10.00	154	163880	5.503	ng		99
53) 3-Nitroaniline	9.91	138	42962	4.484	ng		98
54) 2,4-Dinitrophenol	10.02	184	9608	2.703	ng	#	3
55) Dibenzofuran	10.17	168	239903	5.817	ng		95
56) 4-Nitrophenol	10.06	139	32345	4.523	ng		92
57) 2,4-Dinitrotoluene	10.15	165	48521	4.764	ng		99
58) Fluorene	10.52	166	186416	5.833	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	45955	4.957	ng		98
60) Diethylphthalate	10.39	149	184679	5.170	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	90963	5.609	ng		97
62) 4-Nitroaniline	10.52	138	43494	4.534	ng		90
63) Azobenzene	10.67	77	176550	5.433	ng		95
65) 4,6-Dinitro-2-methylphenol	10.56	198	16549	3.599	ng		98
66) n-Nitrosodiphenylamine	10.63	169	158146	5.517	ng		100
67) 4-Bromophenyl-phenylether	11.00	248	54222	5.102	ng		95
68) Hexachlorobenzene	11.07	284	64256	5.185	ng		97
69) Atrazine	11.15	200	43864	4.652	ng		99
70) Pentachlorophenol	11.26	266	29017	4.008	ng		96
71) Phenanthrene	11.49	178	285168	5.758	ng		97
72) Anthracene	11.54	178	288950	5.885	ng		97
73) Carbazole	11.69	167	248546	5.793	ng		96
74) Di-n-butylphthalate	12.02	149	279229	5.227	ng		98
75) Fluoranthene	12.68	202	281582	5.878	ng		96
77) Benzidine	12.80	184	121985	5.026	ng		96
78) Pyrene	12.91	202	295568	4.936	ng		97
80) Butylbenzylphthalate	13.53	149	102814	3.998	ng		97
81) Benzo(a)anthracene	14.10	228	258171	5.273	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	88245	5.153	ng		100
83) Chrysene	14.13	228	252288	5.318	ng		96
84) Bis(2-ethylhexyl)phthalate	14.09	149	140961	4.521	ng	#	96
85) Di-n-octyl phthalate	14.70	149	206570	4.510	ng		99
86) Indeno(1,2,3-cd)pyrene	17.14	276	172852	4.281	ng		99
88) Benzo(b)fluoranthene	15.17	252	229628	5.025	ng		98
89) Benzo(k)fluoranthene	15.20	252	209599	4.868	ng		99
90) Benzo(a)pyrene	15.55	252	186798	4.649	ng		98
91) Dibenzo(a,h)anthracene	17.16	278	144925	4.190	ng		98
92) Benzo(g,h,i)perylene	17.60	276	142776	4.144	ng		99

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

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