Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117797.D
Acq On : 15 Nov 2019 10:35
Operator : JU
Sample : K5111-09
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-MDL-WATER-03-QT4-2019

Quant Time: Nov 15 11:59:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	282230	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1142971	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	625427	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1200421	20.00	ng		0.00
76) Chrysene-d12	14.11	240	903274	20.00	ng		0.00
87) Perylene-d12	15.62	264	856845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2075926	130.20	ng		0.00
7) Phenol-d6	6.55	99	2524988	131.30	ng		0.00
23) Nitrobenzene-d5	7.49	82	1911785	99.43	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	897281	135.51	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	3424501	98.23	ng		0.00
79) Terphenyl-d14	13.06	244	4048854	81.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	53619	7.194	ng		100
3) Pyridine	3.53	79	125942	6.442	ng		100
4) n-Nitrosodimethylamine	3.42	42	61999	7.265	ng	#	96
6) Aniline	6.59	93	224806	8.846	ng		98
8) 2-Chlorophenol	6.71	128	143199	8.277	ng		96
9) Benzaldehyde	6.47	77	121712	5.980	ng		98
10) Phenol	6.56	94	165219	8.268	ng		95
11) bis(2-Chloroethyl)ether	6.66	93	138465	8.628	ng		97
12) 1,3-Dichlorobenzene	6.86	146	168122	8.254	ng		98
13) 1,4-Dichlorobenzene	6.94	146	168380	8.178	ng		98
14) 1,2-Dichlorobenzene	7.10	146	160387	8.145	ng		98
15) Benzyl Alcohol	7.06	79	101961	6.867	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201761	8.166	ng		99
17) 2-Methylphenol	7.16	107	119325	8.144	ng		96
18) Hexachloroethane	7.44	117	59110	7.815	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	104832	8.836	ng		98
20) 3+4-Methylphenols	7.32	107	157244	8.646	ng		98
22) Acetophenone	7.33	105	216534	8.432	ng	#	95
24) Nitrobenzene	7.50	77	163817	8.259	ng		100
25) Isophorone	7.74	82	289039	8.202	ng		99
26) 2-Nitrophenol	7.82	139	72267	7.485	ng		98
27) 2,4-Dimethylphenol	7.85	122	128143	8.542	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	176654	7.900	ng		99
29) 2,4-Dichlorophenol	8.06	162	127074	7.809	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	147065	7.791	ng		96
31) Naphthalene	8.23	128	464849	8.724	ng		98
32) Benzoic acid	7.91	122	47643	3.793	ng		95
33) 4-Chloroaniline	8.27	127	192916	8.087	ng		98
34) Hexachlorobutadiene	8.35	225	84403	7.648	ng		99
35) Caprolactam	8.61	113	38454	7.435	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	132192	8.005	ng		97
37) 2-Methylnaphthalene	8.92	142	323591	8.988	ng		99
38) 1-Methylnaphthalene	9.02	142	299918	8.812	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	140646	7.744	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	77388	7.603	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	93424	7.181	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	102482	7.587	ng		99
46) 1,1'-Biphenyl	9.39	154	399550	8.611	ng		98
47) 2-Chloronaphthalene	9.42	162	300096	7.862	ng		98
48) 2-Nitroaniline	9.50	65	79408	6.891	ng		96
49) Acenaphthylene	9.83	152	489887	8.803	ng		97
50) Dimethylphthalate	9.68	163	352614	8.040	ng		99
51) 2,6-Dinitrotoluene	9.75	165	76138	7.943	ng		87
52) Acenaphthene	10.00	154	292621	8.208	ng		99
53) 3-Nitroaniline	9.91	138	79730	6.951	ng		96
54) 2,4-Dinitrophenol	10.02	184	22252	11.335	ng	#	13
55) Dibenzofuran	10.17	168	431872	8.748	ng		97
56) 4-Nitrophenol	10.06	139	62262	7.273	ng		98
57) 2,4-Dinitrotoluene	10.15	165	93599	7.676	ng		98
58) Fluorene	10.52	166	334534	8.745	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	86884	7.829	ng		99
60) Diethylphthalate	10.39	149	355584	8.316	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	169044	8.707	ng		99
62) 4-Nitroaniline	10.52	138	80687	7.026	ng		97
63) Azobenzene	10.67	77	332442	8.546	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	36449	6.504	ng		87
66) n-Nitrosodiphenylamine	10.63	169	294690	8.435	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	105544	8.149	ng		96
68) Hexachlorobenzene	11.07	284	119508	7.913	ng		99
69) Atrazine	11.15	200	86562	7.532	ng		99
70) Pentachlorophenol	11.26	266	60786	6.889	ng		98
71) Phenanthrene	11.49	178	518220	8.586	ng		98
72) Anthracene	11.54	178	533936	8.923	ng		97
73) Carbazole	11.69	167	453565	8.674	ng		97
74) Di-n-butylphthalate	12.02	149	570740	8.766	ng		98
75) Fluoranthene	12.68	202	534496	2.642	ng		97
77) Benzidine	12.80	184	259942	8.786	ng		95
78) Pyrene	12.91	202	540819	7.409	ng		98
80) Butylbenzylphthalate	13.53	149	216904	6.918	ng		95
81) Benzo(a)anthracene	14.10	228	471405	7.898	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	175805	8.420	ng		99
83) Chrysene	14.14	228	452717	7.827	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	317005	8.340	ng		99
85) Di-n-octyl phthalate	14.71	149	480930	8.612	ng		100
86) Indeno(1,2,3-cd)pyrene	17.14	276	339019	6.887	ng		100
88) Benzo(b)fluoranthene	15.17	252	420732	7.558	ng		99
89) Benzo(k)fluoranthene	15.20	252	407499	7.769	ng		99
90) Benzo(a)pyrene	15.55	252	347567	7.100	ng		99
91) Dibenzo(a,h)anthracene	17.16	278	288014	6.836	ng		99
92) Benzo(g,h,i)perylene	17.60	276	270511	6.446	ng		98

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

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