Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117789.D
Acq On : 14 Nov 2019 11:34
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 14 12:21:53 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	253627	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1012794	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	549299	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1035312	20.00	ng		0.00
76) Chrysene-d12	14.11	240	768839	20.00	ng		0.00
87) Perylene-d12	15.62	264	710656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1905772	133.01	ng		0.00
7) Phenol-d6	6.55	99	2317815	134.11	ng		0.00
23) Nitrobenzene-d5	7.49	82	1723016	101.13	ng		0.00
42) 2,4,6-Tribromophenol	10.76	330	765233	131.59	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	3059186	99.91	ng		0.00
79) Terphenyl-d14	13.06	244	3497620	83.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	50737	7.575	ng		99
3) Pyridine	3.53	79	115112	6.552	ng		97
4) n-Nitrosodimethylamine	3.42	42	58422	7.618	ng		99
6) Aniline	6.59	93	193377	8.467	ng		100
8) 2-Chlorophenol	6.70	128	130237	8.377	ng		93
9) Benzaldehyde	6.47	77	109704	10.162	ng		97
10) Phenol	6.56	94	147912	8.236	ng		95
11) bis(2-Chloroethyl)ether	6.66	93	122997	8.529	ng		97
12) 1,3-Dichlorobenzene	6.86	146	149616	8.174	ng		98
13) 1,4-Dichlorobenzene	6.94	146	154653	8.359	ng		97
14) 1,2-Dichlorobenzene	7.10	146	145777	8.238	ng		97
15) Benzyl Alcohol	7.06	79	92994	6.970	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	175837	7.919	ng		99
17) 2-Methylphenol	7.16	107	108105	8.211	ng		99
18) Hexachloroethane	7.44	117	52421	7.713	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	95502	8.957	ng		100
20) 3+4-Methylphenols	7.32	107	141127	8.635	ng		98
22) Acetophenone	7.33	105	193203	8.491	ng	#	96
24) Nitrobenzene	7.50	77	146589	8.340	ng		99
25) Isophorone	7.74	82	254965	8.165	ng		98
26) 2-Nitrophenol	7.82	139	64639	7.556	ng		98
27) 2,4-Dimethylphenol	7.85	122	116019	8.728	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	155487	7.847	ng		98
29) 2,4-Dichlorophenol	8.06	162	112786	7.822	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	129654	7.752	ng		98
31) Naphthalene	8.23	128	419291	8.880	ng		98
32) Benzoic acid	7.90	122	44311	3.981	ng		97
33) 4-Chloroaniline	8.27	127	166451	7.875	ng		98
34) Hexachlorobutadiene	8.35	225	73293	7.495	ng		98
35) Caprolactam	8.61	113	34135	7.449	ng		95
36) 4-Chloro-3-methylphenol	8.75	107	115618	7.901	ng		99
37) 2-Methylnaphthalene	8.92	142	283588	8.889	ng		98
38) 1-Methylnaphthalene	9.02	142	266676	8.842	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	123051	7.714	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	68084	7.616	ng		97
43) 2,4,6-Trichlorophenol	9.20	196	80043	7.005	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	89391	7.535	ng		99
46) 1,1'-Biphenyl	9.39	154	350484	8.600	ng		98
47) 2-Chloronaphthalene	9.42	162	262510	7.830	ng		97
48) 2-Nitroaniline	9.50	65	69227	6.840	ng		94
49) Acenaphthylene	9.83	152	422573	8.645	ng		97
50) Dimethylphthalate	9.68	163	304360	7.902	ng		99
51) 2,6-Dinitrotoluene	9.75	165	63263	7.515	ng		87
52) Acenaphthene	10.00	154	255659	8.165	ng		99
53) 3-Nitroaniline	9.91	138	70110	6.960	ng		99
54) 2,4-Dinitrophenol	10.02	184	18933	5.066	ng	#	29
55) Dibenzofuran	10.17	168	377564	8.708	ng		97
56) 4-Nitrophenol	10.06	139	54253	7.215	ng		95
57) 2,4-Dinitrotoluene	10.15	165	80080	7.478	ng		99
58) Fluorene	10.52	166	286648	8.531	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.29	232	71112	7.295	ng		97
60) Diethylphthalate	10.39	149	297441	7.920	ng		98
61) 4-Chlorophenyl-phenylether	10.51	204	145286	8.520	ng		99
62) 4-Nitroaniline	10.52	138	68383	6.780	ng		96
63) Azobenzene	10.67	77	281349	8.235	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	30009	6.209	ng		93
66) n-Nitrosodiphenylamine	10.63	169	251229	8.338	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	86689	7.760	ng		95
68) Hexachlorobenzene	11.07	284	102005	7.831	ng		97
69) Atrazine	11.15	200	72552	7.320	ng		95
70) Pentachlorophenol	11.26	266	51229	6.732	ng		99
71) Phenanthrene	11.49	178	447781	8.603	ng		97
72) Anthracene	11.54	178	464360	8.998	ng		96
73) Carbazole	11.69	167	394419	8.746	ng		97
74) Di-n-butylphthalate	12.02	149	452507	8.059	ng		98
75) Fluoranthene	12.68	202	453716	9.010	ng		98
77) Benzidine	12.80	184	200066	7.944	ng	#	94
78) Pyrene	12.91	202	462759	7.448	ng		98
80) Butylbenzylphthalate	13.53	149	170094	6.374	ng		97
81) Benzo(a)anthracene	14.10	228	396130	7.797	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	138585	7.798	ng		98
83) Chrysene	14.13	228	389272	7.907	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	231380	7.152	ng	#	98
85) Di-n-octyl phthalate	14.70	149	332900	7.004	ng		99
86) Indeno(1,2,3-cd)pyrene	17.14	276	271908	6.489	ng		99
88) Benzo(b)fluoranthene	15.17	252	360895	7.816	ng		99
89) Benzo(k)fluoranthene	15.20	252	328465	7.550	ng		100
90) Benzo(a)pyrene	15.55	252	289202	7.123	ng		97
91) Dibenzo(a,h)anthracene	17.16	278	227366	6.506	ng		99
92) Benzo(g,h,i)perylene	17.60	276	223010	6.407	ng		99

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

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