Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117790.D
Acq On : 14 Nov 2019 12:01
Operator : JU
Sample : K5111-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 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	251902	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	988568	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	535052	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1018322	20.00	ng		0.00
76) Chrysene-d12	14.11	240	731709	20.00	ng		0.00
87) Perylene-d12	15.62	264	646546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1911961	134.35	ng		0.00
7) Phenol-d6	6.55	99	2300866	134.05	ng		0.00
23) Nitrobenzene-d5	7.49	82	1674807	100.71	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	767872	135.56	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2976754	99.81	ng		0.00
79) Terphenyl-d14	13.06	244	3497803	87.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	69232	10.408	ng		98
3) Pyridine	3.52	79	169309	9.703	ng		97
4) n-Nitrosodimethylamine	3.41	42	80351	10.549	ng		96
6) Aniline	6.59	93	264660	11.668	ng		99
8) 2-Chlorophenol	6.71	128	180531	11.691	ng		94
9) Benzaldehyde	6.47	77	148385	13.839	ng		100
10) Phenol	6.56	94	205291	11.509	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	166360	11.614	ng		97
12) 1,3-Dichlorobenzene	6.86	146	203108	11.172	ng		98
13) 1,4-Dichlorobenzene	6.94	146	209519	11.402	ng		99
14) 1,2-Dichlorobenzene	7.10	146	197338	11.229	ng		98
15) Benzyl Alcohol	7.06	79	138770	10.472	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	241561	10.954	ng		99
17) 2-Methylphenol	7.16	107	149943	11.466	ng		98
18) Hexachloroethane	7.44	117	72924	10.803	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	127082	12.001	ng		98
20) 3+4-Methylphenols	7.32	107	194179	11.962	ng		97
22) Acetophenone	7.33	105	260132	11.712	ng	#	96
24) Nitrobenzene	7.50	77	197645	11.521	ng		98
25) Isophorone	7.74	82	344377	11.299	ng		97
26) 2-Nitrophenol	7.82	139	90032	10.782	ng		97
27) 2,4-Dimethylphenol	7.85	122	156628	12.071	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	214235	11.076	ng		99
29) 2,4-Dichlorophenol	8.06	162	151835	10.788	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	175780	10.767	ng		99
31) Naphthalene	8.23	128	559725	12.145	ng		97
32) Benzoic acid	7.92	122	68266	6.284	ng		96
33) 4-Chloroaniline	8.27	127	226575	10.982	ng		99
34) Hexachlorobutadiene	8.35	225	98607	10.331	ng		99
35) Caprolactam	8.61	113	47779	10.681	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	156771	10.976	ng		99
37) 2-Methylnaphthalene	8.92	142	385759	12.388	ng		98
38) 1-Methylnaphthalene	9.02	142	361577	12.282	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	168040	10.814	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	94502	10.853	ng		100
43) 2,4,6-Trichlorophenol	9.20	196	111857	10.050	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	121625	10.525	ng		99
46) 1,1'-Biphenyl	9.39	154	474069	11.943	ng		97
47) 2-Chloronaphthalene	9.42	162	359271	11.002	ng		98
48) 2-Nitroaniline	9.50	65	96590	9.797	ng		92
49) Acenaphthylene	9.83	152	574482	12.066	ng		98
50) Dimethylphthalate	9.68	163	416195	11.093	ng		99
51) 2,6-Dinitrotoluene	9.75	165	89018	10.856	ng		90
52) Acenaphthene	10.00	154	344551	11.297	ng		99
53) 3-Nitroaniline	9.91	138	95361	9.719	ng		97
54) 2,4-Dinitrophenol	10.02	184	29455	8.091	ng	#	17
55) Dibenzofuran	10.17	168	507649	12.020	ng		98
56) 4-Nitrophenol	10.06	139	73452	10.029	ng		99
57) 2,4-Dinitrotoluene	10.15	165	113835	10.913	ng		98
58) Fluorene	10.52	166	388096	11.858	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	100587	10.594	ng		98
60) Diethylphthalate	10.39	149	408925	11.179	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	194258	11.696	ng		98
62) 4-Nitroaniline	10.52	138	95067	9.677	ng		97
63) Azobenzene	10.67	77	387132	11.633	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	44914	9.448	ng		91
66) n-Nitrosodiphenylamine	10.63	169	341742	11.531	ng		100
67) 4-Bromophenyl-phenylether	11.00	248	119922	10.914	ng		94
68) Hexachlorobenzene	11.07	284	140153	10.939	ng		99
69) Atrazine	11.15	200	98588	10.113	ng		98
70) Pentachlorophenol	11.26	266	72672	9.709	ng		99
71) Phenanthrene	11.49	178	604511	11.807	ng		98
72) Anthracene	11.54	178	611496	12.046	ng		98
73) Carbazole	11.69	167	524226	11.818	ng		98
74) Di-n-butylphthalate	12.02	149	635814	11.512	ng		98
75) Fluoranthene	12.68	202	609159	12.299	ng		99
77) Benzidine	12.80	184	273562	11.414	ng	#	95
78) Pyrene	12.91	202	633103	10.706	ng		98
80) Butylbenzylphthalate	13.53	149	235595	9.276	ng		97
81) Benzo(a)anthracene	14.10	228	526623	10.891	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	183292	10.837	ng	#	98
83) Chrysene	14.14	228	502229	10.719	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	310260	10.076	ng		100
85) Di-n-octyl phthalate	14.70	149	440232	9.732	ng		100
86) Indeno(1,2,3-cd)pyrene	17.14	276	352055	8.829	ng		99
88) Benzo(b)fluoranthene	15.17	252	443752	10.564	ng		98
89) Benzo(k)fluoranthene	15.20	252	417196	10.541	ng		98
90) Benzo(a)pyrene	15.55	252	363322	9.836	ng		99
91) Dibenzo(a,h)anthracene	17.16	278	294235	9.255	ng		97
92) Benzo(g,h,i)perylene	17.60	276	285105	9.003	ng		98

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

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