Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115109.D
Acq On : 22 Jun 2019 9:54
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-MDL-WATER-03-QT2-2019

Quant Time: Jun 24 04:49:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	252989	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	990247	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	491936	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	958312	20.00	ng		-0.01
76) Chrysene-d12	13.72	240	749310	20.00	ng		-0.02
87) Perylene-d12	15.08	264	774767	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1807804	110.27	ng		0.00
7) Phenol-d6	6.25	99	2226427	111.89	ng		0.00
23) Nitrobenzene-d5	7.17	82	1368167	84.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	661182	127.45	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	2543882	87.84	ng		-0.01
79) Terphenyl-d14	12.69	244	2864178	81.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	60431	7.810	ng		99
3) Pyridine	2.89	79	149054	6.835	ng		98
4) n-Nitrosodimethylamine	2.78	42	58174	6.805	ng	#	97
6) Aniline	6.27	93	214874	7.857	ng		99
8) 2-Chlorophenol	6.40	128	143904	7.806	ng		99
9) Benzaldehyde	6.15	77	121486	9.358	ng		99
10) Phenol	6.26	94	184477	7.915	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	138271	8.048	ng		98
12) 1,3-Dichlorobenzene	6.55	146	163019	7.968	ng		98
13) 1,4-Dichlorobenzene	6.63	146	162646	7.928	ng		97
14) 1,2-Dichlorobenzene	6.78	146	154408	8.127	ng		97
15) Benzyl Alcohol	6.75	79	129855	8.962	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	192715	7.733	ng		97
17) 2-Methylphenol	6.87	107	116736	7.672	ng		99
18) Hexachloroethane	7.12	117	54765	7.405	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	99791	7.833	ng		96
20) 3+4-Methylphenols	7.02	107	151350	8.614	ng	#	85
22) Acetophenone	7.02	105	215699	9.515	ng	#	97
24) Nitrobenzene	7.19	77	149001	8.402	ng		98
25) Isophorone	7.43	82	269634	8.177	ng		99
26) 2-Nitrophenol	7.51	139	67259	7.680	ng		98
27) 2,4-Dimethylphenol	7.55	122	130199	9.080	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	172069	8.256	ng		100
29) 2,4-Dichlorophenol	7.74	162	117403	7.934	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	135715	8.303	ng		99
31) Naphthalene	7.91	128	443417	9.122	ng		97
32) Benzoic acid	7.62	122	69314	6.772	ng		99
33) 4-Chloroaniline	7.96	127	181744	8.181	ng		99
34) Hexachlorobutadiene	8.04	225	72707	8.117	ng		98
35) Caprolactam	8.29	113	39379	7.915	ng		94
36) 4-Chloro-3-methylphenol	8.44	107	123697	8.254	ng		97
37) 2-Methylnaphthalene	8.60	142	299840	9.149	ng		98
38) 1-Methylnaphthalene	8.70	142	284056	9.075	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	134809	9.698	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	66501	8.068	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	86692	8.078	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	92166	8.339	ng	97
46) 1,1'-Biphenyl	9.07	154	382559	9.719	ng	97
47) 2-Chloronaphthalene	9.08	162	278165	8.712	ng	98
48) 2-Nitroaniline	9.17	65	70782	7.604	ng	98
49) Acenaphthylene	9.50	152	449929	9.045	ng	97
50) Dimethylphthalate	9.37	163	317875	8.783	ng	98
51) 2,6-Dinitrotoluene	9.42	165	68263	8.170	ng	93
52) Acenaphthene	9.67	154	268794	8.635	ng	98
53) 3-Nitroaniline	9.58	138	78339	7.683	ng	97
54) 2,4-Dinitrophenol	9.68	184	18533	11.258	ng	99
55) Dibenzofuran	9.84	168	393928	8.817	ng	98
56) 4-Nitrophenol	9.73	139	58751	7.187	ng	98
57) 2,4-Dinitrotoluene	9.81	165	85375	7.913	ng	93
58) Fluorene	10.18	166	305101	4.299	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	78200	8.438	ng	100
60) Diethylphthalate	10.07	149	310560	8.536	ng	97
61) 4-Chlorophenyl-phenylether	10.18	204	144911	4.062	ng	97
62) 4-Nitroaniline	10.18	138	77295	7.556	ng	99
63) Azobenzene	10.34	77	296533	8.726	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	27560	9.806	ng	90
66) n-Nitrosodiphenylamine	10.30	169	267325	8.954	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	88024	8.472	ng	96
68) Hexachlorobenzene	10.72	284	97392	8.636	ng	100
69) Atrazine	10.82	200	79722	8.301	ng	97
70) Pentachlorophenol	10.91	266	52977	7.374	ng	98
71) Phenanthrene	11.13	178	464450	9.002	ng	97
72) Anthracene	11.18	178	476601	9.151	ng	98
73) Carbazole	11.33	167	420062	9.032	ng	98
74) Di-n-butylphthalate	11.69	149	485548	9.035	ng	98
75) Fluoranthene	12.31	202	476969	9.265	ng	95
77) Benzidine	12.43	184	201428	6.054	ng	96
78) Pyrene	12.53	202	493097	8.563	ng	98
80) Butylbenzylphthalate	13.17	149	189946	7.474	ng	93
81) Benzo(a)anthracene	13.71	228	418505	7.784	ng	98
82) 3,3'-Dichlorobenzidine	13.68	252	154609	7.963	ng	98
83) Chrysene	13.75	228	421341	8.555	ng	97
84) Bis(2-ethylhexyl)phthalate	13.74	149	272617	8.187	ng	99
85) Di-n-octyl phthalate	14.35	149	433540	7.749	ng	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	386376	6.630	ng	99
88) Benzo(b)fluoranthene	14.71	252	398129	8.235	ng	99
89) Benzo(k)fluoranthene	14.74	252	416868m	9.616	ng	
90) Benzo(a)pyrene	15.02	252	378125	8.678	ng	99
91) Dibenzo(a,h)anthracene	16.36	278	315832	7.764	ng	96
92) Benzo(g,h,i)perylene	16.71	276	313569	7.616	ng	99

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

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