Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
Data File : BF122309.D
Acq On : 11 Nov 2020 12:25
Operator : JU/CG
Sample : L4214-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2020

Quant Time: Nov 11 12:53:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	347784	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1236519	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	655254	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1179250	20.00	ng		0.00
76) Chrysene-d12	14.027	240	1061026	20.00	ng		0.00
86) Perylene-d12	15.498	264	996504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2989790	132.00	ng		0.00
7) Phenol-d6	6.498	99	3819549	128.91	ng		0.00
23) Nitrobenzene-d5	7.434	82	2559491	126.72	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	1101280	156.59	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	4011592	95.66	ng		0.00
79) Terphenyl-d14	12.986	244	4713407	94.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	85350	8.22	ng		92
3) Pyridine	3.428	79	231583	8.11	ng		93
4) n-Nitrosodimethylamine	3.316	42	107763	8.00	ng		99
6) Aniline	6.534	93	328288	8.44	ng		97
8) 2-Chlorophenol	6.651	128	203574	8.67	ng		96
9) Benzaldehyde	6.416	77	175340	10.49	ng		97
10) Phenol	6.504	94	243873	8.36	ng		92
11) bis(2-Chloroethyl)ether	6.604	93	204469	8.82	ng		94
12) 1,3-Dichlorobenzene	6.810	146	236917	8.88	ng		96
13) 1,4-Dichlorobenzene	6.887	146	238521	8.90	ng		96
14) 1,2-Dichlorobenzene	7.040	146	222504	8.90	ng		100
15) Benzyl Alcohol	6.998	79	160359	7.61	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	293607	8.69	ng		99
17) 2-Methylphenol	7.104	107	167947	8.57	ng		99
18) Hexachloroethane	7.381	117	84308	9.04	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	155152	8.76	ng		97
20) 3+4-Methylphenols	7.263	107	213335	8.84	ng	#	80
22) Acetophenone	7.269	105	300614	9.33	ng	#	89
24) Nitrobenzene	7.445	77	230234	9.96	ng		97
25) Isophorone	7.681	82	396894	8.81	ng		100
26) 2-Nitrophenol	7.763	139	81018	10.39	ng		98
27) 2,4-Dimethylphenol	7.792	122	194543	9.16	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	252878	9.18	ng		99
29) 2,4-Dichlorophenol	7.998	162	167092	8.89	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	191988	9.25	ng		95
31) Naphthalene	8.175	128	615619	9.36	ng		99
32) Benzoic acid	7.857	122	57186	5.97	ng		98
33) 4-Chloroaniline	8.216	127	258218	9.02	ng		96
34) Hexachlorobutadiene	8.292	225	109362	9.17	ng		99
35) Caprolactam	8.551	113	52669	8.84	ng		94
36) 4-Chloro-3-methylphenol	8.686	107	174550	8.90	ng		94
37) 2-Methylnaphthalene	8.863	142	408429	9.40	ng		99
38) 1-Methylnaphthalene	8.963	142	375819	9.24	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	188434	9.33	ng		99
41) Hexachlorocyclopentadiene	9.022	237	95613	8.10	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	116542	8.89	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	120989	8.80	ng		99
46) 1,1'-Biphenyl	9.328	154	501431	9.61	ng		97
47) 2-Chloronaphthalene	9.351	162	390051	9.42	ng		96
48) 2-Nitroaniline	9.439	65	101585	9.99	ng		91
49) Acenaphthylene	9.763	152	589239	9.26	ng		99
50) Dimethylphthalate	9.622	163	432216	9.28	ng		99
51) 2,6-Dinitrotoluene	9.681	165	88214	9.80	ng		94
52) Acenaphthene	9.939	154	365301	9.28	ng		99
53) 3-Nitroaniline	9.845	138	99139	9.53	ng		98
54) 2,4-Dinitrophenol	9.951	184	20599	7.49	ng	#	76
55) Dibenzofuran	10.110	168	540906	9.37	ng		98
56) 4-Nitrophenol	9.986	139	75958	8.55	ng		80
57) 2,4-Dinitrotoluene	10.080	165	109269	10.03	ng		93
58) Fluorene	10.451	166	431036	9.76	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	102111	8.93	ng		97
60) Diethylphthalate	10.328	149	424830	9.30	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	205138	9.84	ng		98
62) 4-Nitroaniline	10.451	138	97370	9.51	ng		97
63) Azobenzene	10.610	77	440555	9.19	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	36026	8.04	ng		99
66) n-Nitrosodiphenylamine	10.563	169	368607	9.17	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	128121	9.25	ng		92
68) Hexachlorobenzene	10.998	284	138657	9.26	ng		93
69) Atrazine	11.080	200	106206	10.61	ng		99
70) Pentachlorophenol	11.186	266	71470	8.29	ng		98
71) Phenanthrene	11.410	178	640106	9.57	ng		99
72) Anthracene	11.463	178	651916	9.45	ng		99
73) Carbazole	11.616	167	590109	9.41	ng		98
74) Di-n-butylphthalate	11.951	149	635450	9.50	ng		99
75) Fluoranthene	12.598	202	662957	9.49	ng		98
77) Benzidine	12.716	184	323945	11.01	ng	#	95
78) Pyrene	12.827	202	688136	9.23	ng		99
80) Butylbenzylphthalate	13.451	149	242515	9.05	ng		97
81) Benzo(a)anthracene	14.016	228	623396	9.45	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	226791	9.22	ng		98
83) Chrysene	14.051	228	617213	9.29	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	352158	9.80	ng		100
85) Di-n-octyl phthalate	14.627	149	555387	9.12	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	510524	8.54	ng		99
88) Benzo(b)fluoranthene	15.063	252	605281	9.38	ng		99
89) Benzo(k)fluoranthene	15.092	252	552530	8.78	ng		100
90) Benzo(a)pyrene	15.427	252	498575	8.86	ng		100
91) Dibenzo(a,h)anthracene	16.968	278	431265	8.61	ng		99
92) Benzo(g,h,i)perylene	17.386	276	414461	8.51	ng		96

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

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