Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117098.D
Acq On : 17 Sep 2019 11:30
Operator : HP/JU
Sample : K4883-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW2-R2-1MS

Quant Time: Sep 17 17:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	70357	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	270402	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	143068	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	226319	20.00	ng		0.00
76) Chrysene-d12	13.97	240	147200	20.00	ng		0.00
87) Perylene-d12	15.42	264	127176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	263471	58.47	ng		0.01
7) Phenol-d6	6.46	99	227077	38.99	ng		0.00
23) Nitrobenzene-d5	7.39	82	496587	96.49	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	170444	142.54	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	877082	95.86	ng		0.00
79) Terphenyl-d14	12.92	244	767101	97.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	28906	15.329	ng		98
3) Pyridine	3.36	79	48833	9.461	ng		92
4) n-Nitrosodimethylamine	3.27	42	26081	14.724	ng	#	91
6) Aniline	6.49	93	146521	19.540	ng		98
8) 2-Chlorophenol	6.62	128	177907	36.595	ng		96
9) Benzaldehyde	6.37	77	134225	48.017	ng		98
10) Phenol	6.47	94	101494	15.808	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	200572	42.505	ng		98
12) 1,3-Dichlorobenzene	6.76	146	192376	35.264	ng		99
13) 1,4-Dichlorobenzene	6.84	146	199943	35.914	ng		98
14) 1,2-Dichlorobenzene	7.00	146	190320	36.718	ng		97
15) Benzyl Alcohol	6.97	79	124926	27.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	193722	41.553	ng		93
17) 2-Methylphenol	7.09	107	122404	30.042	ng		94
18) Hexachloroethane	7.33	117	76607	35.769	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	160535	45.267	ng		97
20) 3+4-Methylphenols	7.23	107	138085	27.208	ng	#	50
22) Acetophenone	7.23	105	321586	46.810	ng		96
24) Nitrobenzene	7.41	77	242316	47.679	ng		94
25) Isophorone	7.65	82	439434	48.226	ng		99
26) 2-Nitrophenol	7.72	139	111557	51.103	ng		96
27) 2,4-Dimethylphenol	7.76	122	168592	48.701	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	259839	46.284	ng		100
29) 2,4-Dichlorophenol	7.97	162	168240	46.381	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	162766	41.534	ng		99
31) Naphthalene	8.13	128	593462	45.635	ng		99
32) Benzoic acid	7.85	122	13940	11.194	ng	#	84
33) 4-Chloroaniline	8.17	127	157632	27.329	ng		98
34) Hexachlorobutadiene	8.25	225	88389	39.755	ng		99
35) Caprolactam	8.54	113	8246	6.716	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	187903	44.427	ng		100
37) 2-Methylnaphthalene	8.82	142	418009	47.733	ng		99
38) 1-Methylnaphthalene	8.92	142	387548	47.251	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	163735	44.320	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130572	79.962 ng		98
43) 2,4,6-Trichlorophenol	9.10	196	114624	45.719 ng		98
44) 2,4,5-Trichlorophenol	9.14	196	121215	45.252 ng		97
46) 1,1'-Biphenyl	9.28	154	503414	44.858 ng		98
47) 2-Chloronaphthalene	9.30	162	392085	44.270 ng		99
48) 2-Nitroaniline	9.40	65	133050	46.835 ng		92
49) Acenaphthylene	9.72	152	623348	46.982 ng		99
50) Dimethylphthalate	9.58	163	493496	48.717 ng		99
51) 2,6-Dinitrotoluene	9.64	165	104676	50.736 ng	#	86
52) Acenaphthene	9.89	154	363268	46.188 ng		98
53) 3-Nitroaniline	9.81	138	83780	32.185 ng		98
54) 2,4-Dinitrophenol	9.93	184	67248	76.005 ng	#	87
55) Dibenzofuran	10.06	168	553615	47.708 ng		100
56) 4-Nitrophenol	9.98	139	48473	28.732 ng		96
57) 2,4-Dinitrotoluene	10.05	165	140565	52.487 ng		95
58) Fluorene	10.40	166	450160	48.158 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93090	45.414 ng		97
60) Diethylphthalate	10.27	149	470355	47.196 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	189479	46.850 ng		99
62) 4-Nitroaniline	10.43	138	116564	43.059 ng		97
63) Azobenzene	10.55	77	481017	47.257 ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	53263	51.126 ng		96
66) n-Nitrosodiphenylamine	10.51	169	389440	49.825 ng		99
67) 4-Bromophenyl-phenylether	10.88	248	110709	47.900 ng		98
68) Hexachlorobenzene	10.96	284	116551	46.105 ng		98
69) Atrazine	11.04	200	105895	59.356 ng		98
70) Pentachlorophenol	11.15	266	104748	88.397 ng		98
71) Phenanthrene	11.36	178	624986	48.619 ng		99
72) Anthracene	11.42	178	658311	50.162 ng		98
73) Carbazole	11.57	167	611916	49.122 ng		99
74) Di-n-butylphthalate	11.89	149	712686	48.085 ng		100
75) Fluoranthene	12.55	202	642944	48.677 ng		97
77) Benzidine	12.67	184	174641	36.831 ng		98
78) Pyrene	12.78	202	636270	51.515 ng		99
80) Butylbenzylphthalate	13.39	149	287398	49.245 ng		98
81) Benzo(a)anthracene	13.96	228	470392	47.830 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	138602	43.735 ng		97
83) Chrysene	14.00	228	456611	47.604 ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	379411	50.421 ng	#	98
85) Di-n-octyl phthalate	14.56	149	575779	48.615 ng		98
86) Indeno(1,2,3-cd)pyrene	16.87	276	381676	54.542 ng		98
88) Benzo(b)fluoranthene	15.00	252	355102	46.096 ng		99
89) Benzo(k)fluoranthene	15.03	252	373497	51.183 ng		98
90) Benzo(a)pyrene	15.36	252	344006	50.889 ng		99
91) Dibenzo(a,h)anthracene	16.88	278	317904	59.033 ng		97
92) Benzo(g,h,i)perylene	17.30	276	318414	59.336 ng		98

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

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