Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108035.D
Acq On : 8 Aug 2018 22:27
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:41 PM

Quant Time: Aug 09 08:12:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	271413	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1059599	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	568784	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1183457	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1030663	20.00	ng		-0.01
86) Perylene-d12	15.77	264	882494	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	2054142	137.02	ng		0.01
7) Phenol-d6	6.63	99	2766009	138.84	ng		0.00
23) Nitrobenzene-d5	7.57	82	1489947	78.46	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	886796	156.31	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2783268	78.56	ng		0.00
78) Terphenyl-d14	13.15	244	3137471	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	60817	7.895	ng		87
3) Pyridine	3.73	79	170533	8.594	ng	#	79
4) n-Nitrosodimethylamine	3.65	42	93730	8.394	ng		80
6) Aniline	6.68	93	151796	5.602	ng		94
8) 2-Chlorophenol	6.80	128	146421	8.672	ng		89
9) Benzaldehyde	6.57	77	119867	7.761	ng		98
10) Phenol	6.64	94	172361	8.364	ng		93
11) bis(2-Chloroethyl)ether	6.74	93	145262	8.719	ng		92
12) 1,3-Dichlorobenzene	6.95	146	169831	8.699	ng		98
13) 1,4-Dichlorobenzene	7.03	146	171721	8.755	ng		98
14) 1,2-Dichlorobenzene	7.18	146	162576	8.911	ng		97
15) Benzyl Alcohol	7.14	79	120356	7.176	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	294297	8.575	ng		96
17) 2-Methylphenol	7.24	107	127957	8.837	ng		97
18) Hexachloroethane	7.52	117	59742	8.555	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	116546	8.651	ng	#	84
20) 3+4-Methylphenols	7.40	107	165350	8.911	ng		93
22) Acetophenone	7.41	105	223773	9.032	ng	#	93
24) Nitrobenzene	7.59	77	174604	9.093	ng		94
25) Isophorone	7.82	82	312590	8.637	ng		98
26) 2-Nitrophenol	7.91	139	52517	7.242	ng		89
27) 2,4-Dimethylphenol	7.93	122	142451	8.868	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	188455	8.919	ng		99
29) 2,4-Dichlorophenol	8.14	162	128462	8.690	ng		96
30) 1,2,4-Trichlorobenzene	8.23	180	145873	8.950	ng		98
31) Naphthalene	8.32	128	461028	9.567	ng		99
32) Benzoic acid	7.98	122	44670m	10.170	ng		
33) 4-Chloroaniline	8.36	127	125710	5.986	ng		98
34) Hexachlorobutadiene	8.43	225	92208	8.937	ng		95
35) Caprolactam	8.70	113	39885	8.610	ng	#	76
36) 4-Chloro-3-methylphenol	8.82	107	141675	8.884	ng		97
37) 2-Methylnaphthalene	9.01	142	317923	9.325	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	158186	9.056	ng		97
40) Hexachlorocyclopentadiene	9.16	237	91495	8.110	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	87511	8.074 ng		98
43) 2,4,5-Trichlorophenol	9.32	196	107092	8.975 ng	#	93
45) 1,1'-Biphenyl	9.47	154	399622	9.529 ng		98
46) 2-Chloronaphthalene	9.50	162	309704	9.344 ng		96
47) 2-Nitroaniline	9.59	65	93009	8.673 ng		84
48) Acenaphthylene	9.92	152	503130	9.602 ng		99
49) Dimethylphthalate	9.77	163	370269	9.345 ng		99
50) 2,6-Dinitrotoluene	9.83	165	74511	8.989 ng		90
51) Acenaphthene	10.10	154	294280	9.169 ng		98
52) 3-Nitroaniline	10.00	138	67262	7.416 ng		90
53) 2,4-Dinitrophenol	10.10	184	13448	10.975 ng	#	1
54) Dibenzofuran	10.27	168	442469	9.516 ng		99
55) 4-Nitrophenol	10.14	139	55081	8.020 ng		95
56) 2,4-Dinitrotoluene	10.23	165	96480	9.042 ng	#	85
57) Fluorene	10.61	166	355281	9.652 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	80774	8.099 ng		92
59) Diethylphthalate	10.47	149	354595	9.242 ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	178111	9.286 ng	#	88
61) 4-Nitroaniline	10.61	138	76633	8.546 ng		89
62) Azobenzene	10.76	77	370525	9.352 ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	23528	10.063 ng		97
65) n-Nitrosodiphenylamine	10.72	169	320754	9.172 ng		98
66) 4-Bromophenyl-phenylether	11.10	248	116074	9.025 ng	#	82
67) Hexachlorobenzene	11.16	284	120986	8.941 ng	#	87
68) Atrazine	11.24	200	104982	8.950 ng		95
69) Pentachlorophenol	11.35	266	42847	6.615 ng		97
70) Phenanthrene	11.58	178	543249	9.732 ng		99
71) Anthracene	11.63	178	557764	9.749 ng		99
72) Carbazole	11.78	167	486027	9.562 ng		99
73) Di-n-butylphthalate	12.11	149	557951	9.691 ng		98
74) Fluoranthene	12.77	202	595716	9.779 ng		95
76) Benzidine	12.89	184	123848	3.216 ng	#	94
77) Pyrene	13.01	202	598903	9.178 ng		98
79) Butylbenzylphthalate	13.61	149	213274	8.231 ng		98
80) Benzo(a)anthracene	14.19	228	541374	9.153 ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	96142	4.536 ng	#	94
82) Chrysene	14.24	228	504052	9.295 ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	305048	8.694 ng	#	99
84) Di-n-octyl phthalate	14.79	149	451233	8.432 ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.37	276	372238	7.922 ng	#	92
87) Benzo(b)fluoranthene	15.29	252	444708	8.433 ng		97
88) Benzo(k)fluoranthene	15.32	252	459085	9.471 ng	#	97
89) Benzo(a)pyrene	15.69	252	412565	8.737 ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	313359	8.020 ng	#	95
91) Benzo(g,h,i)perylene	17.86	276	299433	7.783 ng	#	91

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

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