Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103202.D
Acq On : 23 Feb 2018 16:24
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-S-8ppm
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:47 AM

Quant Time: Feb 23 17:19:08 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172820	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	767592	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	356958	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	606502	20.00	ng		0.00
75) Chrysene-d12	14.04	240	454201	20.00	ng		0.00
86) Perylene-d12	15.54	264	433316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1280749	112.08	ng		0.00
7) Phenol-d6	6.50	99	1584640	113.33	ng		0.00
23) Nitrobenzene-d5	7.44	82	1187678	88.36	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	342341	113.30	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1777611	86.02	ng		0.00
78) Terphenyl-d14	12.99	244	1436187	76.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	45752	7.581	ng		96
3) Pyridine	3.53	79	116764m	7.247	ng		
4) n-Nitrosodimethylamine	3.37	42	45823m	7.052	ng		
6) Aniline	6.53	93	167086	8.280	ng		94
8) 2-Chlorophenol	6.66	128	93917	7.912	ng		95
9) Benzaldehyde	6.43	77	57080	4.937	ng		99
10) Phenol	6.52	94	129797	7.996	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	103086	8.368	ng		94
12) 1,3-Dichlorobenzene	6.81	146	113636	8.377	ng		99
13) 1,4-Dichlorobenzene	6.89	146	112912	8.302	ng		99
14) 1,2-Dichlorobenzene	7.04	146	104764	8.354	ng		98
15) Benzyl Alcohol	7.01	79	98572	9.355	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	172509	8.154	ng		99
17) 2-Methylphenol	7.12	107	87441	8.106	ng		96
18) Hexachloroethane	7.38	117	42098	8.503	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	83534	9.599	ng		97
20) 3+4-Methylphenols	7.27	107	113761	8.651	ng	#	32
22) Acetophenone	7.27	105	159561	8.906	ng	#	89
24) Nitrobenzene	7.45	77	122212	8.258	ng		96
25) Isophorone	7.69	82	211925	8.006	ng		98
26) 2-Nitrophenol	7.77	139	51115	7.337	ng		94
27) 2,4-Dimethylphenol	7.80	122	75944	7.132	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	128156	8.234	ng		100
29) 2,4-Dichlorophenol	8.01	162	78464	7.696	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	86857	8.000	ng		97
31) Naphthalene	8.17	128	315721	8.401	ng		100
32) Benzoic acid	7.89	122	38272	11.060	ng		93
33) 4-Chloroaniline	8.22	127	126722	7.814	ng		95
34) Hexachlorobutadiene	8.29	225	45854	8.111	ng		96
35) Caprolactam	8.57	113	26716	7.456	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	90502	7.870	ng		99
37) 2-Methylnaphthalene	8.86	142	209062	8.608	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	81105	8.311	ng		99
40) Hexachlorocyclopentadiene	9.02	237	8305	11.028	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	48767	7.427	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	55145	7.302	ng		95
45) 1,1'-Biphenyl	9.33	154	260655	8.714	ng		98
46) 2-Chloronaphthalene	9.36	162	192597	8.139	ng		98
47) 2-Nitroaniline	9.45	65	68180	7.778	ng		88
48) Acenaphthylene	9.77	152	312302	8.578	ng		99
49) Dimethylphthalate	9.62	163	233176	8.143	ng		99
50) 2,6-Dinitrotoluene	9.69	165	47316	7.874	ng	#	82
51) Acenaphthene	9.94	154	183353	8.636	ng		98
52) 3-Nitroaniline	9.86	138	56314	7.386	ng		94
53) 2,4-Dinitrophenol	9.98	184	8872	13.217	ng	#	21
54) Dibenzofuran	10.11	168	262036	8.991	ng		96
55) 4-Nitrophenol	10.03	139	27770	5.877	ng		90
56) 2,4-Dinitrotoluene	10.10	165	61503	8.092	ng		97
57) Fluorene	10.46	166	211385	8.514	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	36550	7.204	ng		90
59) Diethylphthalate	10.32	149	226221	8.260	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	91440	8.685	ng		99
61) 4-Nitroaniline	10.47	138	55136	7.240	ng		93
62) Azobenzene	10.60	77	242066	8.683	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	21352	10.135	ng		92
65) n-Nitrosodiphenylamine	10.56	169	181093	8.575	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	51302	8.120	ng		93
67) Hexachlorobenzene	11.00	284	55560	8.102	ng		96
68) Atrazine	11.09	200	48625	7.661	ng		97
69) Pentachlorophenol	11.20	266	20445	6.166	ng		95
70) Phenanthrene	11.42	178	289244	8.666	ng		99
71) Anthracene	11.47	178	292743	8.553	ng		99
72) Carbazole	11.63	167	282619	8.292	ng		100
73) Di-n-butylphthalate	11.95	149	364711	8.551	ng		98
74) Fluoranthene	12.61	202	281275	8.386	ng		98
76) Benzidine	12.73	184	72233	4.254	ng	#	94
77) Pyrene	12.84	202	289217	8.167	ng		99
79) Butylbenzylphthalate	13.45	149	144853	7.742	ng		97
80) Benzo(a)anthracene	14.03	228	226138	7.673	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	77343	7.354	ng		99
82) Chrysene	14.07	228	227903	7.965	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	204245	8.090	ng	#	99
84) Di-n-octyl phthalate	14.63	149	311677	7.640	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	188905	8.339	ng		97
87) Benzo(b)fluoranthene	15.10	252	209370	7.349	ng		99
88) Benzo(k)fluoranthene	15.13	252	216393	8.066	ng		99
89) Benzo(a)pyrene	15.47	252	192592	7.570	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	154472	7.858	ng		96
91) Benzo(g,h,i)perylene	17.50	276	153689	7.999	ng		96

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

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