Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015257.D
Acq On : 23 May 2018 01:30
Operator : SJ/JU
Sample : J2133-09
Misc : MDL 2 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/23/2018 3:27:11 PM

Quant Time: May 23 14:30:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	206932	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	861887	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	465090	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	956391	20.00	ng		0.00
75) Chrysene-d12	21.83	240	885967	20.00	ng		0.00
86) Perylene-d12	24.27	264	872751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1698989	134.33	ng		0.00
7) Phenol-d6	7.55	99	2187093	132.79	ng		0.00
23) Nitrobenzene-d5	9.59	82	1303877	82.87	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	827549	141.90	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3033725	81.09	ng		0.00
78) Terphenyl-d14	20.29	244	3861943	96.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	10830	2.073	ng	#	100
3) Pyridine	4.11	79	22058m	1.648	ng		
4) n-Nitrosodimethylamine	4.00	42	11662m	1.610	ng		
6) Aniline	7.72	93	33804	1.666	ng		99
8) 2-Chlorophenol	7.96	128	26734	1.873	ng		82
9) Benzaldehyde	7.54	77	16150	1.550	ng	#	68
10) Phenol	7.57	94	31165	1.863	ng		92
11) bis(2-Chloroethyl)ether	7.82	93	26633	2.008	ng		95
12) 1,3-Dichlorobenzene	8.29	146	32658	2.007	ng	#	94
13) 1,4-Dichlorobenzene	8.45	146	33595	2.042	ng		97
14) 1,2-Dichlorobenzene	8.76	146	32254	2.065	ng		96
15) Benzyl Alcohol	8.66	79	19311	1.621	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	42694	2.040	ng		96
17) 2-Methylphenol	8.85	107	20525	1.846	ng	#	92
18) Hexachloroethane	9.50	117	11052	1.891	ng		94
19) n-Nitroso-di-n-propylamine	9.22	70	18269	1.740	ng	#	83
20) 3+4-Methylphenols	9.18	107	26450	1.792	ng		95
22) Acetophenone	9.25	105	39096	1.891	ng	#	91
24) Nitrobenzene	9.63	77	32416	1.979	ng		93
25) Isophorone	10.16	82	42646	1.578	ng		93
26) 2-Nitrophenol	10.36	139	9503	1.293	ng	#	80
27) 2,4-Dimethylphenol	10.40	122	17300	1.298	ng		97
28) bis(2-Chloroethoxy)methane	10.63	93	30661	1.733	ng		96
29) 2,4-Dichlorophenol	10.89	162	18881	1.496	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	29052	1.953	ng	#	93
31) Naphthalene	11.29	128	87700	1.958	ng		100
32) Benzoic acid	10.46	122	11452m	1.485	ng		
33) 4-Chloroaniline	11.40	127	28375	1.587	ng	#	90
34) Hexachlorobutadiene	11.56	225	17959	2.031	ng		92
35) Caprolactam	12.16	113	3882	1.087	ng	#	74
36) 4-Chloro-3-methylphenol	12.49	107	19201	1.489	ng		97
37) 2-Methylnaphthalene	12.87	142	57580	1.855	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	30841	1.883	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	6580	5.846	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	13523	1.374	ng		95
43) 2,4,5-Trichlorophenol	13.55	196	16476	1.550	ng	#	92
45) 1,1'-Biphenyl	13.86	154	86234	2.119	ng		99
46) 2-Chloronaphthalene	13.91	162	60103	1.919	ng	#	93
47) 2-Nitroaniline	14.11	65	10976	1.230	ng	#	79
48) Acenaphthylene	14.75	152	79388	1.707	ng		99
49) Dimethylphthalate	14.46	163	70593	1.902	ng	#	97
50) 2,6-Dinitrotoluene	14.59	165	11035	1.425	ng		97
51) Acenaphthene	15.08	154	57559	1.986	ng		100
52) 3-Nitroaniline	14.93	138	9475	1.162	ng	#	80
53) 2,4-Dinitrophenol	15.15	184	2474	7.036	ng	#	74
54) Dibenzofuran	15.41	168	87138	1.907	ng		94
55) 4-Nitrophenol	15.22	139	5228	0.791	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	11535	1.088	ng	#	89
57) Fluorene	16.05	166	66362	1.838	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	12227	1.341	ng	#	100
59) Diethylphthalate	15.80	149	66868	1.828	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	35845	1.949	ng		95
61) 4-Nitroaniline	16.07	138	8585	1.007	ng		79
62) Azobenzene	16.33	77	52482	1.510	ng		90
64) 4,6-Dinitro-2-methylphenol	16.13	198	4831	0.915	ng		76
65) n-Nitrosodiphenylamine	16.24	169	52871	1.720	ng		96
66) 4-Bromophenyl-phenylether	16.92	248	19414	1.817	ng	#	87
67) Hexachlorobenzene	17.04	284	23853	1.938	ng	#	87
68) Atrazine	17.17	200	10158	1.042	ng		90
69) Pentachlorophenol	17.39	266	8013	1.170	ng		95
70) Phenanthrene	17.77	178	104732	1.923	ng		99
71) Anthracene	17.87	178	89652	1.651	ng		98
72) Carbazole	18.13	167	80637	1.677	ng		98
73) Di-n-butylphthalate	18.65	149	82666	1.461	ng	#	98
74) Fluoranthene	19.75	202	102926	1.723	ng		98
76) Benzidine	19.92	184	24102	0.869	ng		96
77) Pyrene	20.11	202	107323	1.919	ng		100
79) Butylbenzylphthalate	20.95	149	33180	1.453	ng		90
80) Benzo(a)anthracene	21.82	228	105133	1.883	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	32986	1.596	ng		93
82) Chrysene	21.87	228	104829	1.994	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	48300	1.454	ng		98
84) Di-n-octyl phthalate	22.63	149	70026	1.206	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.79	276	109553	1.722	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	102121	1.849	ng		99
88) Benzo(k)fluoranthene	23.57	252	95854	1.835	ng		95
89) Benzo(a)pyrene	24.16	252	86066	1.671	ng	#	98
90) Dibenzo(a,h)anthracene	26.80	278	93982	1.788	ng		96
91) Benzo(g,h,i)perylene	27.56	276	89893	1.756	ng		97

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

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