Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015266.D
Acq On : 23 May 2018 07:01
Operator : SJ/JU
Sample : J2133-08
Misc : LOQ 20 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2018

Quant Time: May 23 07:57:37 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	249625	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1059354	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	552932	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1091662	20.00	ng		0.00
75) Chrysene-d12	21.83	240	998767	20.00	ng		0.00
86) Perylene-d12	24.27	264	940206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1927610	126.34	ng		0.00
7) Phenol-d6	7.55	99	2558617	128.78	ng		0.00
23) Nitrobenzene-d5	9.59	82	1671490	86.43	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	924398	133.32	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3704866	83.29	ng		0.00
78) Terphenyl-d14	20.29	244	4351170	96.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	119240	18.917	ng	#	100
3) Pyridine	4.07	79	296264	18.347	ng	#	88
4) n-Nitrosodimethylamine	3.98	42	151812	17.376	ng	#	69
6) Aniline	7.72	93	478947	19.565	ng		96
8) 2-Chlorophenol	7.96	128	330641	19.202	ng		97
9) Benzaldehyde	7.53	77	212486	16.908	ng		93
10) Phenol	7.57	94	388118	19.237	ng		78
11) bis(2-Chloroethyl)ether	7.81	93	322134	20.129	ng		90
12) 1,3-Dichlorobenzene	8.29	146	395409	20.141	ng	#	96
13) 1,4-Dichlorobenzene	8.44	146	399499	20.125	ng		96
14) 1,2-Dichlorobenzene	8.76	146	383425	20.351	ng		95
15) Benzyl Alcohol	8.65	79	290452	20.216	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.93	45	517487	20.496	ng		96
17) 2-Methylphenol	8.85	107	278012	20.728	ng	#	94
18) Hexachloroethane	9.50	117	141802	20.116	ng		93
19) n-Nitroso-di-n-propylamine	9.22	70	268705	21.219	ng		89
20) 3+4-Methylphenols	9.17	107	381361	21.413	ng		94
22) Acetophenone	9.24	105	525960	20.697	ng		94
24) Nitrobenzene	9.63	77	401518	19.940	ng		97
25) Isophorone	10.15	82	629935	18.965	ng		96
26) 2-Nitrophenol	10.35	139	166799	18.463	ng	#	76
27) 2,4-Dimethylphenol	10.39	122	261316	15.948	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	406355	18.683	ng		99
29) 2,4-Dichlorophenol	10.88	162	293268	18.901	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	368073	20.136	ng		99
31) Naphthalene	11.29	128	1082296	19.656	ng		100
32) Benzoic acid	10.52	122	204977	21.625	ng		91
33) 4-Chloroaniline	11.40	127	431552	19.640	ng	#	92
34) Hexachlorobutadiene	11.56	225	226142	20.804	ng		97
35) Caprolactam	12.17	113	82115	18.699	ng		93
36) 4-Chloro-3-methylphenol	12.49	107	304179	19.190	ng		89
37) 2-Methylnaphthalene	12.87	142	742800	19.467	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	386082	19.823	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	170763	17.803	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	222583	19.018	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	250061	19.787	ng	#	91
45) 1,1'-Biphenyl	13.86	154	990071	20.465	ng		99
46) 2-Chloronaphthalene	13.91	162	744888	20.006	ng		94
47) 2-Nitroaniline	14.11	65	201068	18.955	ng		90
48) Acenaphthylene	14.75	152	1128875	20.412	ng		99
49) Dimethylphthalate	14.46	163	895944	20.303	ng		99
50) 2,6-Dinitrotoluene	14.59	165	182652	19.840	ng		90
51) Acenaphthene	15.08	154	697006	20.231	ng		99
52) 3-Nitroaniline	14.92	138	184974	19.081	ng	#	81
53) 2,4-Dinitrophenol	15.13	184	66798	17.695	ng		89
54) Dibenzofuran	15.41	168	1028352	18.932	ng		94
55) 4-Nitrophenol	15.21	139	130410	16.586	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	233260	18.503	ng	#	79
57) Fluorene	16.05	166	834782	19.447	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	186969	17.253	ng	#	100
59) Diethylphthalate	15.80	149	880621	20.244	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	427038	19.530	ng		96
61) 4-Nitroaniline	16.07	138	183393	18.095	ng	#	67
62) Azobenzene	16.33	77	822033	19.893	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	115835	19.224	ng		92
65) n-Nitrosodiphenylamine	16.25	169	715868	20.409	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	247748	20.313	ng	#	90
67) Hexachlorobenzene	17.04	284	291670	20.766	ng	#	91
68) Atrazine	17.17	200	121232	10.895	ng		98
69) Pentachlorophenol	17.38	266	147919	18.919	ng		99
70) Phenanthrene	17.77	178	1216356	19.562	ng		99
71) Anthracene	17.87	178	1189350	19.189	ng		99
72) Carbazole	18.13	167	1097343	19.998	ng		100
73) Di-n-butylphthalate	18.65	149	1326660	20.535	ng		99
74) Fluoranthene	19.74	202	1286906	18.871	ng		97
76) Benzidine	19.92	184	410467	13.128	ng		99
77) Pyrene	20.10	202	1335543	21.187	ng		100
79) Butylbenzylphthalate	20.95	149	539215	20.950	ng		92
80) Benzo(a)anthracene	21.82	228	1224144	19.450	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	439849	18.874	ng		98
82) Chrysene	21.87	228	1180026	19.907	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	781605	20.878	ng		97
84) Di-n-octyl phthalate	22.63	149	1158295	17.690	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	1292266	18.020	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	1202526	20.214	ng	#	97
88) Benzo(k)fluoranthene	23.57	252	1127148	20.031	ng		99
89) Benzo(a)pyrene	24.16	252	1070872	19.299	ng		98
90) Dibenzo(a,h)anthracene	26.79	278	1095560	19.353	ng		99
91) Benzo(g,h,i)perylene	27.56	276	1046142	18.974	ng		96

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

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