Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015258.D
Acq On : 23 May 2018 02:07
Operator : SJ/JU
Sample : J2133-09
Misc : MDL 5 PPM
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/23/2018 10:11:34 AM

Quant Time: May 23 05:48:21 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	211178	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	882918	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	477068	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	976198	20.00	ng		0.00
75) Chrysene-d12	21.83	240	916186	20.00	ng		0.00
86) Perylene-d12	24.27	264	891092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1711336	132.58	ng		0.00
7) Phenol-d6	7.55	99	2219971	132.08	ng		0.00
23) Nitrobenzene-d5	9.59	82	1366603	84.79	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	855998	143.09	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3161955	82.39	ng		0.00
78) Terphenyl-d14	20.29	244	4007234	96.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	26475	4.965	ng	#	100
3) Pyridine	4.09	79	54937m	4.022	ng		
4) n-Nitrosodimethylamine	3.98	42	29313	3.966	ng	#	60
6) Aniline	7.72	93	97850	4.725	ng		97
8) 2-Chlorophenol	7.96	128	68505	4.703	ng		94
9) Benzaldehyde	7.54	77	38936	3.662	ng		84
10) Phenol	7.57	94	81000	4.746	ng		82
11) bis(2-Chloroethyl)ether	7.81	93	66411	4.905	ng		90
12) 1,3-Dichlorobenzene	8.29	146	85322	5.137	ng	#	94
13) 1,4-Dichlorobenzene	8.45	146	86250	5.136	ng		98
14) 1,2-Dichlorobenzene	8.76	146	81321	5.102	ng		95
15) Benzyl Alcohol	8.65	79	55789	4.590	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.93	45	110326	5.165	ng		97
17) 2-Methylphenol	8.85	107	54883	4.837	ng	#	93
18) Hexachloroethane	9.50	117	28625	4.800	ng		96
19) n-Nitroso-di-n-propylamine	9.22	70	51643	4.821	ng		90
20) 3+4-Methylphenols	9.17	107	75081	4.983	ng		94
22) Acetophenone	9.25	105	109398	5.165	ng	#	94
24) Nitrobenzene	9.63	77	88932	5.299	ng		96
25) Isophorone	10.16	82	121561	4.391	ng		94
26) 2-Nitrophenol	10.35	139	28146	3.738	ng	#	76
27) 2,4-Dimethylphenol	10.39	122	48225	3.531	ng		86
28) bis(2-Chloroethoxy)methane	10.63	93	83766	4.621	ng		99
29) 2,4-Dichlorophenol	10.89	162	54942	4.249	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	78156	5.130	ng		98
31) Naphthalene	11.29	128	231959	5.055	ng		99
32) Benzoic acid	10.47	122	32965m	4.173	ng		
33) 4-Chloroaniline	11.40	127	83560	4.563	ng	#	92
34) Hexachlorobutadiene	11.56	225	47633	5.258	ng		98
35) Caprolactam	12.16	113	13515	3.693	ng		95
36) 4-Chloro-3-methylphenol	12.49	107	57390	4.344	ng		94
37) 2-Methylnaphthalene	12.87	142	156970	4.936	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	83105	4.946	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	25242	7.418	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	41055	4.066	ng		92
43) 2,4,5-Trichlorophenol	13.54	196	50037	4.589	ng	#	89
45) 1,1'-Biphenyl	13.86	154	218233	5.228	ng		97
46) 2-Chloronaphthalene	13.91	162	163745	5.097	ng		95
47) 2-Nitroaniline	14.11	65	33799	3.693	ng		85
48) Acenaphthylene	14.74	152	228484	4.788	ng		100
49) Dimethylphthalate	14.46	163	194778	5.116	ng		99
50) 2,6-Dinitrotoluene	14.59	165	34974	4.403	ng		90
51) Acenaphthene	15.08	154	151109	5.084	ng		99
52) 3-Nitroaniline	14.92	138	31868	3.810	ng	#	71
53) 2,4-Dinitrophenol	15.13	184	8706	8.229	ng		93
54) Dibenzofuran	15.41	168	229032	4.887	ng		94
55) 4-Nitrophenol	15.22	139	19930	2.938	ng	#	60
56) 2,4-Dinitrotoluene	15.37	165	38982	3.584	ng	#	86
57) Fluorene	16.05	166	180350	4.869	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	37446	4.005	ng	#	100
59) Diethylphthalate	15.80	149	184265	4.910	ng		97
60) 4-Chlorophenyl-phenylether	16.03	204	93700	4.967	ng		95
61) 4-Nitroaniline	16.07	138	30365	3.472	ng	#	66
62) Azobenzene	16.33	77	160793	4.510	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	17239	3.199	ng		93
65) n-Nitrosodiphenylamine	16.24	169	151250	4.822	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	52507	4.814	ng	#	85
67) Hexachlorobenzene	17.04	284	64086	5.102	ng	#	91
68) Atrazine	17.17	200	29398	2.955	ng		94
69) Pentachlorophenol	17.39	266	26612	3.806	ng		99
70) Phenanthrene	17.77	178	275485	4.955	ng		100
71) Anthracene	17.87	178	248032	4.475	ng		99
72) Carbazole	18.13	167	233335	4.755	ng		99
73) Di-n-butylphthalate	18.65	149	249517	4.319	ng		98
74) Fluoranthene	19.75	202	283311	4.646	ng		98
76) Benzidine	19.92	184	72451	2.526	ng		99
77) Pyrene	20.10	202	296718	5.131	ng		99
79) Butylbenzylphthalate	20.95	149	99797	4.227	ng	#	88
80) Benzo(a)anthracene	21.81	228	277967	4.815	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	93142	4.357	ng		99
82) Chrysene	21.87	228	277307	5.100	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	141736	4.127	ng		100
84) Di-n-octyl phthalate	22.63	149	215854	3.594	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.79	276	292653	4.449	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	270059	4.790	ng	#	97
88) Benzo(k)fluoranthene	23.57	252	260037	4.876	ng		98
89) Benzo(a)pyrene	24.16	252	239237	4.549	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	249177	4.644	ng		98
91) Benzo(g,h,i)perylene	27.56	276	239507	4.583	ng		96

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

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