Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015269.D
Acq On : 23 May 2018 09:33
Operator : SJ/JU
Sample : J2923-06
Misc : LOQ 10 PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-2

Manual Integrations APPROVED
Sohil
5/23/2018 3:27:15 PM

Quant Time: May 23 12:05:56 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	219255	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	926835	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	487896	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	982166	20.00	ng		0.00
75) Chrysene-d12	21.83	240	907018	20.00	ng		0.00
86) Perylene-d12	24.27	264	868017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1761303	131.43	ng		0.00
7) Phenol-d6	7.55	99	2331038	133.58	ng		0.00
23) Nitrobenzene-d5	9.59	82	1469552	86.86	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	877434	143.42	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3364941	85.74	ng		0.00
78) Terphenyl-d14	20.29	244	4034103	98.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	52064	9.404	ng	#	100
3) Pyridine	4.08	79	132190m	9.320	ng		
4) n-Nitrosodimethylamine	3.97	42	73071m	9.522	ng		
6) Aniline	7.72	93	210394	9.785	ng		98
8) 2-Chlorophenol	7.96	128	147247	9.736	ng		95
9) Benzaldehyde	7.53	77	70083	6.349	ng		93
10) Phenol	7.57	94	171151	9.658	ng		83
11) bis(2-Chloroethyl)ether	7.81	93	138368	9.844	ng		89
12) 1,3-Dichlorobenzene	8.29	146	165879	9.620	ng		96
13) 1,4-Dichlorobenzene	8.44	146	168138	9.643	ng		96
14) 1,2-Dichlorobenzene	8.76	146	161242	9.743	ng		95
15) Benzyl Alcohol	8.65	79	118095	9.358	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	225313	10.160	ng		96
17) 2-Methylphenol	8.85	107	113356	9.622	ng	#	94
18) Hexachloroethane	9.50	117	58173	9.395	ng		93
19) n-Nitroso-di-n-propylamine	9.22	70	111012	9.981	ng		91
20) 3+4-Methylphenols	9.17	107	151353	9.676	ng		94
22) Acetophenone	9.24	105	213302	9.594	ng		95
24) Nitrobenzene	9.63	77	173414	9.844	ng		94
25) Isophorone	10.15	82	274922	9.460	ng		95
26) 2-Nitrophenol	10.35	139	63607	8.047	ng	#	75
27) 2,4-Dimethylphenol	10.39	122	134279	9.367	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	188427	9.902	ng		99
29) 2,4-Dichlorophenol	10.88	162	125798	9.267	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	154495	9.660	ng		100
31) Naphthalene	11.29	128	462053	9.591	ng		99
32) Benzoic acid	10.48	122	62623	7.551	ng		95
33) 4-Chloroaniline	11.40	127	177707	9.244	ng	#	89
34) Hexachlorobutadiene	11.56	225	90833	9.551	ng		94
35) Caprolactam	12.16	113	30020	7.813	ng		94
36) 4-Chloro-3-methylphenol	12.49	107	129264	9.321	ng		91
37) 2-Methylnaphthalene	12.87	142	327545	9.811	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	164747	9.586	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	75530	11.553	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	93264	9.031	ng		98
43) 2,4,5-Trichlorophenol	13.54	196	99117	8.889	ng	#	92
45) 1,1'-Biphenyl	13.86	154	418941	9.814	ng		98
46) 2-Chloronaphthalene	13.91	162	314909	9.585	ng		95
47) 2-Nitroaniline	14.11	65	74831	7.995	ng		87
48) Acenaphthylene	14.74	152	459680	9.420	ng		99
49) Dimethylphthalate	14.46	163	370716	9.521	ng		99
50) 2,6-Dinitrotoluene	14.59	165	74528	9.174	ng		90
51) Acenaphthene	15.08	154	290621	9.560	ng		100
52) 3-Nitroaniline	14.92	138	69037	8.071	ng	#	82
53) 2,4-Dinitrophenol	15.13	184	25954	11.455	ng		90
54) Dibenzofuran	15.41	168	461636	9.632	ng		94
55) 4-Nitrophenol	15.21	139	52275	7.535	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	89855	8.078	ng	#	82
57) Fluorene	16.05	166	358777	9.472	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	86261	9.021	ng	#	100
59) Diethylphthalate	15.80	149	364706	9.502	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	186185	9.650	ng		96
61) 4-Nitroaniline	16.07	138	67894	7.592	ng	#	65
62) Azobenzene	16.32	77	345863	9.485	ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	37604	6.937	ng		94
65) n-Nitrosodiphenylamine	16.24	169	305217	9.671	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	106225	9.680	ng	#	88
67) Hexachlorobenzene	17.04	284	120837	9.562	ng	#	89
68) Atrazine	17.17	200	81097	8.101	ng		98
69) Pentachlorophenol	17.38	266	54537	7.753	ng		98
70) Phenanthrene	17.77	178	539879	9.651	ng		100
71) Anthracene	17.87	178	520900	9.341	ng		100
72) Carbazole	18.13	167	450517	9.126	ng		98
73) Di-n-butylphthalate	18.65	149	523055	8.999	ng	#	98
74) Fluoranthene	19.75	202	557130	9.080	ng		97
76) Benzidine	19.92	184	140593	4.951	ng		99
77) Pyrene	20.10	202	565168	9.873	ng		100
79) Butylbenzylphthalate	20.95	149	202397	8.659	ng		91
80) Benzo(a)anthracene	21.81	228	544242	9.522	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	184796	8.732	ng		99
82) Chrysene	21.87	228	517969	9.622	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	298495	8.780	ng		98
84) Di-n-octyl phthalate	22.63	149	476332	8.010	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	568453	8.728	ng	#	90
87) Benzo(b)fluoranthene	23.52	252	509758	9.282	ng		97
88) Benzo(k)fluoranthene	23.57	252	509620	9.810	ng		99
89) Benzo(a)pyrene	24.16	252	475679	9.286	ng	#	98
90) Dibenzo(a,h)anthracene	26.79	278	489136	9.359	ng		98
91) Benzo(g,h,i)perylene	27.56	276	468521	9.204	ng		95

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

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