Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015268.D
Acq On : 23 May 2018 08:56
Operator : SJ/JU
Sample : J2923-05
Misc : LOQ 10 PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Manual Integrations APPROVED
Sohil
5/23/2018 3:27:13 PM

Quant Time: May 23 12:25:52 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	225640	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	963198	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	523918	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1042172	20.00	ng		0.00
75) Chrysene-d12	21.83	240	939066	20.00	ng		0.00
86) Perylene-d12	24.27	264	890010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1815121	131.61	ng		0.00
7) Phenol-d6	7.55	99	2409275	134.15	ng		0.00
23) Nitrobenzene-d5	9.59	82	1527676	86.88	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	934924	142.31	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3534792	83.87	ng		0.00
78) Terphenyl-d14	20.29	244	4209375	98.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	52357	9.189	ng	#	100
3) Pyridine	4.08	79	131675m	9.021	ng		
4) n-Nitrosodimethylamine	3.98	42	74904m	9.485	ng		
6) Aniline	7.72	93	211886	9.575	ng		97
8) 2-Chlorophenol	7.96	128	148574	9.545	ng		95
9) Benzaldehyde	7.53	77	71164	6.265	ng		92
10) Phenol	7.57	94	174145	9.549	ng		82
11) bis(2-Chloroethyl)ether	7.81	93	137833	9.528	ng		88
12) 1,3-Dichlorobenzene	8.29	146	168861	9.516	ng		96
13) 1,4-Dichlorobenzene	8.44	146	169960	9.472	ng		97
14) 1,2-Dichlorobenzene	8.76	146	162627	9.549	ng		95
15) Benzyl Alcohol	8.65	79	123154	9.483	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	226286	9.915	ng		96
17) 2-Methylphenol	8.85	107	115522	9.529	ng	#	93
18) Hexachloroethane	9.50	117	58674	9.208	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	111697	9.758	ng	#	87
20) 3+4-Methylphenols	9.17	107	153713	9.548	ng		94
22) Acetophenone	9.24	105	216305	9.361	ng	#	93
24) Nitrobenzene	9.63	77	178275	9.737	ng		96
25) Isophorone	10.15	82	282461	9.353	ng		95
26) 2-Nitrophenol	10.35	139	66160	8.054	ng	#	78
27) 2,4-Dimethylphenol	10.39	122	137390	9.222	ng		92
28) bis(2-Chloroethoxy)methane	10.63	93	190482	9.632	ng		99
29) 2,4-Dichlorophenol	10.88	162	128393	9.101	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	154319	9.285	ng		99
31) Naphthalene	11.29	128	469620	9.380	ng		100
32) Benzoic acid	10.48	122	65384	7.587	ng		92
33) 4-Chloroaniline	11.40	127	184989	9.259	ng	#	92
34) Hexachlorobutadiene	11.56	225	92350	9.344	ng		96
35) Caprolactam	12.16	113	31664	7.930	ng		97
36) 4-Chloro-3-methylphenol	12.49	107	134495	9.332	ng		91
37) 2-Methylnaphthalene	12.87	142	333003	9.598	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	170335	9.230	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	79513	11.430	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	97367	8.780	ng		98
43) 2,4,5-Trichlorophenol	13.54	196	103444	8.639	ng	#	92
45) 1,1'-Biphenyl	13.86	154	431015	9.403	ng		99
46) 2-Chloronaphthalene	13.91	162	324649	9.202	ng		95
47) 2-Nitroaniline	14.11	65	79293	7.889	ng		85
48) Acenaphthylene	14.74	152	474928	9.063	ng		99
49) Dimethylphthalate	14.46	163	389053	9.305	ng		99
50) 2,6-Dinitrotoluene	14.59	165	78488	8.998	ng		90
51) Acenaphthene	15.08	154	303436	9.295	ng		99
52) 3-Nitroaniline	14.92	138	71963	7.834	ng	#	82
53) 2,4-Dinitrophenol	15.13	184	27258	11.347	ng		93
54) Dibenzofuran	15.41	168	478667	9.300	ng		95
55) 4-Nitrophenol	15.21	139	54543	7.321	ng	#	57
56) 2,4-Dinitrotoluene	15.37	165	95896	8.028	ng	#	81
57) Fluorene	16.05	166	372550	9.159	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	91176	8.879	ng	#	100
59) Diethylphthalate	15.80	149	379881	9.217	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	195061	9.415	ng		97
61) 4-Nitroaniline	16.07	138	70525	7.344	ng	#	68
62) Azobenzene	16.32	77	361228	9.226	ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	40481	7.037	ng		94
65) n-Nitrosodiphenylamine	16.24	169	320290	9.565	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	110609	9.500	ng	#	90
67) Hexachlorobenzene	17.04	284	128522	9.585	ng	#	88
68) Atrazine	17.17	200	84658	7.970	ng		98
69) Pentachlorophenol	17.38	266	56375	7.553	ng		97
70) Phenanthrene	17.77	178	558822	9.414	ng		100
71) Anthracene	17.87	178	548545	9.270	ng		99
72) Carbazole	18.13	167	471148	8.994	ng		100
73) Di-n-butylphthalate	18.65	149	538544	8.732	ng		98
74) Fluoranthene	19.75	202	574829	8.830	ng		98
76) Benzidine	19.92	184	145884m	4.962	ng		
77) Pyrene	20.10	202	586247	9.891	ng		100
79) Butylbenzylphthalate	20.95	149	209656	8.664	ng		92
80) Benzo(a)anthracene	21.82	228	555668	9.390	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	190162	8.679	ng		97
82) Chrysene	21.87	228	532010	9.546	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	301012	8.552	ng		99
84) Di-n-octyl phthalate	22.63	149	480613	7.807	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	561792	8.332	ng	#	91
87) Benzo(b)fluoranthene	23.52	252	516377	9.170	ng	#	96
88) Benzo(k)fluoranthene	23.57	252	523402	9.826	ng		99
89) Benzo(a)pyrene	24.16	252	484043	9.215	ng		98
90) Dibenzo(a,h)anthracene	26.79	278	477764	8.916	ng		98
91) Benzo(g,h,i)perylene	27.56	276	461321	8.839	ng		97

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

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