Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010229.D
Acq On : 25 May 2017 22:20
Operator : SJ/MA
Sample : I3331-16MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-22COMPMSD

Manual Integrations APPROVED
mohammad
5/26/2017 2:05:25 PM

Quant Time: May 26 13:18:40 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	123954	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	409582	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	91625	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	333198	20.00	ng		-0.03
75) Chrysene-d12	21.48	240	113074	20.00	ng		-0.03
86) Perylene-d12	23.84	264	5032	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	953648	138.93	ng		-0.03
7) Phenol-d6	7.13	99	588390	66.62	ng		-0.04
23) Nitrobenzene-d5	9.13	82	890541	117.30	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	591895	425.34	ng		-0.03
44) 2-Fluorobiphenyl	13.20	172	2167590	304.13	ng		-0.04
78) Terphenyl-d14	19.92	244	1790316	360.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	132849	42.12	ng	#	100
3) Pyridine	3.85	79	1206	0.14	ng	#	1
4) n-Nitrosodimethylamine	3.77	42	48886	16.01	ng	#	72
8) 2-Chlorophenol	7.52	128	311911	41.77	ng		94
9) Benzaldehyde	7.11	77	90246	16.41	ng		87
10) Phenol	7.16	94	238091	25.58	ng		95
11) bis(2-Chloroethyl)ether	7.38	93	288985	41.65	ng		96
12) 1,3-Dichlorobenzene	7.83	146	356777	37.59	ng	#	91
13) 1,4-Dichlorobenzene	7.98	146	358768	36.80	ng		95
14) 1,2-Dichlorobenzene	8.30	146	358263	38.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	239847	35.16	ng		73
17) 2-Methylphenol	8.40	107	156376	23.61	ng	#	81
18) Hexachloroethane	9.02	117	122050	38.62	ng	#	74
19) n-Nitroso-di-n-propylamine	8.75	70	96333	15.45	ng	#	95
20) 3+4-Methylphenols	8.73	107	186820	20.89	ng		85
22) Acetophenone	8.78	105	485758	46.27	ng	#	95
24) Nitrobenzene	9.17	77	423723	54.18	ng		93
25) Isophorone	9.68	82	511299	38.98	ng	#	92
26) 2-Nitrophenol	9.87	139	165226	50.12	ng	#	56
27) 2,4-Dimethylphenol	9.93	122	150514	25.29	ng	#	77
28) bis(2-Chloroethoxy)methane	10.16	93	34201	4.11	ng		99
29) 2,4-Dichlorophenol	10.40	162	339946	49.60	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	413519	46.64	ng		97
31) Naphthalene	10.80	128	986098	45.01	ng		99
32) Benzoic acid	10.07	122	145475	35.86	ng	#	77
34) Hexachlorobutadiene	11.05	225	283697	47.96	ng		98
35) Caprolactam	11.85	113	53062m	26.98	ng		
36) 4-Chloro-3-methylphenol	12.05	107	217397	29.29	ng	#	83
37) 2-Methylnaphthalene	12.40	142	719938	45.64	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	487965	138.49	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	688661	338.51	ng		97
42) 2,4,6-Trichlorophenol	13.02	196	307742	148.29	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	311712	135.93	ng	#	93
45) 1,1'-Biphenyl	13.41	154	996349	132.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.46	162	781742	128.15	ng		96
47) 2-Nitroaniline	13.70	65	32168	20.51	ng	#	77
48) Acenaphthylene	14.30	152	196765	21.81	ng		97
49) Dimethylphthalate	14.04	163	505090	61.80	ng	#	98
50) 2,6-Dinitrotoluene	14.17	165	207643	133.80	ng	#	78
51) Acenaphthene	14.64	154	297669	53.08	ng		100
53) 2,4-Dinitrophenol	14.72	184	259524	238.09	ng	#	87
54) Dibenzofuran	14.98	168	1121919	127.23	ng		97
55) 4-Nitrophenol	14.84	139	185095	159.45	ng	#	15
56) 2,4-Dinitrotoluene	14.96	165	279794	127.43	ng		88
57) Fluorene	15.62	166	710851	92.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	293774	150.41	ng	#	100
59) Diethylphthalate	15.39	149	392977	50.86	ng		96
60) 4-Chlorophenyl-phenylether	15.62	204	533445	123.90	ng		98
61) 4-Nitroaniline	15.69	138	1334	0.91	ng	#	1
62) Azobenzene	15.90	77	76402	13.45	ng		91
64) 4,6-Dinitro-2-methylphenol	15.70	198	164688	80.91	ng		82
65) n-Nitrosodiphenylamine	15.84	169	55575	5.57	ng		93
66) 4-Bromophenyl-phenylether	16.51	248	331243	77.66	ng		96
67) Hexachlorobenzene	16.60	284	402089	77.59	ng		96
69) Pentachlorophenol	16.97	266	479230	168.36	ng		98
70) Phenanthrene	17.36	178	1146177	61.48	ng		99
71) Anthracene	17.46	178	648182	35.04	ng		99
72) Carbazole	17.74	167	41771	2.55	ng		99
73) Di-n-butylphthalate	18.26	149	468207	24.11	ng	#	98
74) Fluoranthene	19.37	202	525745	21.72	ng		96
77) Pyrene	19.73	202	610744	100.74	ng		99
79) Butylbenzylphthalate	20.60	149	11346	5.06	ng	#	91
80) Benzo(a)anthracene	21.46	228	364663	58.52	ng		97
81) 3,3'-Dichlorobenzidine	21.41	252	502	0.20	ng	#	78
82) Chrysene	21.52	228	608728	102.99	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	292387	87.12	ng	#	97
84) Di-n-octyl phthalate	22.26	149	430297	71.62	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.24	276	263316	30.38	ng	#	100
87) Benzo(b)fluoranthene	23.11	252	347939	1181.47	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	256017	887.32	ng	#	94
89) Benzo(a)pyrene	23.73	252	263497	938.96	ng	#	94
90) Dibenzo(a,h)anthracene	26.26	278	328640	1047.27	ng	#	89
91) Benzo(g,h,i)perylene	27.00	276	390266	1269.22	ng	#	85

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

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