Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010985.D
Acq On : 26 Jul 2017 23:48
Operator : SJ/JU
Sample : PB100891BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:39 PM

Quant Time: Jul 27 09:57:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	281601	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	1170471	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	785613	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	1909166	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1658693	20.00	ng		0.00
86) Perylene-d12	23.14	264	1096714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	2971874	178.40	ng		0.00
7) Phenol-d6	6.60	99	3989748	168.57	ng		0.01
23) Nitrobenzene-d5	8.55	82	3118264	99.99	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	2026595	160.95	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	6696793	106.91	ng		0.00
78) Terphenyl-d14	19.47	244	9277723	110.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	276792	37.007	ng	#	100
3) Pyridine	3.41	79	861916	42.189	ng	#	89
4) n-Nitrosodimethylamine	3.33	42	505829	48.585	ng	#	69
6) Aniline	6.75	93	1350030	45.257	ng		91
8) 2-Chlorophenol	6.97	128	895126	52.926	ng		85
9) Benzaldehyde	6.55	77	454549	29.682	ng		84
10) Phenol	6.63	94	1372392	53.384	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	992265	49.537	ng		94
12) 1,3-Dichlorobenzene	7.28	146	1004554	48.737	ng	#	84
13) 1,4-Dichlorobenzene	7.43	146	1027226	48.620	ng	#	90
14) 1,2-Dichlorobenzene	7.74	146	983585	48.691	ng	#	90
15) Benzyl Alcohol	7.65	79	1256548	55.341	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.93	45	905178	50.218	ng		78
17) 2-Methylphenol	7.85	107	901231	54.852	ng	#	80
18) Hexachloroethane	8.45	117	441648	47.934	ng	#	82
19) n-Nitroso-di-n-propylamine	8.21	70	997659	49.602	ng		92
20) 3+4-Methylphenols	8.17	107	1202521	52.651	ng	#	85
22) Acetophenone	8.22	105	1672196	47.660	ng	#	95
24) Nitrobenzene	8.59	77	1543988	47.777	ng	#	89
25) Isophorone	9.11	82	2518775	48.440	ng	#	87
26) 2-Nitrophenol	9.28	139	533572	51.891	ng	#	27
27) 2,4-Dimethylphenol	9.36	122	931968	51.486	ng	#	77
28) bis(2-Chloroethoxy)methane	9.60	93	1451405	50.046	ng	#	98
29) 2,4-Dichlorophenol	9.81	162	1051699	51.704	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	1212285	48.202	ng		100
31) Naphthalene	10.20	128	2927522	49.718	ng		100
32) Benzoic acid	9.54	122	643985	44.261	ng	#	65
33) 4-Chloroaniline	10.33	127	537026	22.862	ng	#	72
34) Hexachlorobutadiene	10.49	225	962106	48.570	ng		98
35) Caprolactam	11.13	113	286593m	49.684	ng		
36) 4-Chloro-3-methylphenol	11.46	107	1279087	48.700	ng	#	72
37) 2-Methylnaphthalene	11.83	142	2293651	53.025	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1638544	48.546	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	2546145	129.461	ng		99

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42) 2,4,6-Trichlorophenol	12.46	196	1048051	51.302	ng		99
43) 2,4,5-Trichlorophenol	12.53	196	1099404	52.250	ng	#	87
45) 1,1'-Biphenyl	12.87	154	3230822	47.561	ng		97
46) 2-Chloronaphthalene	12.91	162	2517694	50.303	ng		94
47) 2-Nitroaniline	13.13	65	938956	53.029	ng	#	70
48) Acenaphthylene	13.77	152	3821110	51.157	ng		99
49) Dimethylphthalate	13.53	163	3302152	49.135	ng	#	98
50) 2,6-Dinitrotoluene	13.65	165	682996	50.256	ng	#	61
51) Acenaphthene	14.12	154	2318013	50.120	ng		99
52) 3-Nitroaniline	13.97	138	475369	40.308	ng	#	40
53) 2,4-Dinitrophenol	14.19	184	960116	99.406	ng	#	88
54) Dibenzofuran	14.46	168	4043842	53.962	ng	#	90
55) 4-Nitrophenol	14.30	139	1024686	98.895	ng		97
56) 2,4-Dinitrotoluene	14.44	165	997033	52.258	ng		93
57) Fluorene	15.11	166	3324782	50.957	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.69	232	1103520	55.954	ng	#	100
59) Diethylphthalate	14.91	149	3446428	50.214	ng		99
60) 4-Chlorophenyl-phenylether	15.12	204	2015628	51.167	ng		98
61) 4-Nitroaniline	15.15	138	619081	49.422	ng	#	1
62) Azobenzene	15.41	77	4043656	55.048	ng		89
64) 4,6-Dinitro-2-methylphenol	15.20	198	638639	49.412	ng		97
65) n-Nitrosodiphenylamine	15.33	169	2901319	53.101	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	1343408	54.736	ng	#	89
67) Hexachlorobenzene	16.12	284	1378884	49.719	ng	#	91
68) Atrazine	16.30	200	1186909	54.208	ng		98
69) Pentachlorophenol	16.46	266	1735144	98.546	ng		96
70) Phenanthrene	16.85	178	5397907	53.996	ng		100
71) Anthracene	16.94	178	5343060	53.592	ng		99
72) Carbazole	17.22	167	4299323	49.310	ng		99
73) Di-n-butylphthalate	17.80	149	5488986	51.696	ng	#	96
74) Fluoranthene	18.88	202	6212852	50.150	ng		98
76) Benzidine	19.09	184	2938632	74.057	ng		99
77) Pyrene	19.24	202	6084280	61.733	ng		99
79) Butylbenzylphthalate	20.19	149	2102492	59.991	ng	#	72
80) Benzo(a)anthracene	21.01	228	4996550	52.756	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1281845	34.500	ng	#	98
82) Chrysene	21.06	228	4588383	50.470	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2871406	55.693	ng	#	98
84) Di-n-octyl phthalate	21.82	149	4083986	48.805	ng		100
85) Indeno(1,2,3-cd)pyrene	25.21	276	3300714	35.056	ng	#	96
87) Benzo(b)fluoranthene	22.52	252	3946192	56.063	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	3585314	53.144	ng	#	95
89) Benzo(a)pyrene	23.05	252	3379322	53.057	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	2731756	46.266	ng	#	90
91) Benzo(g,h,i)perylene	25.85	276	2706052	46.673	ng	#	85

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

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