Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010266.D
Acq On : 26 May 2017 20:35
Operator : SJ/MA
Sample : I3306-08MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DSK-MW-LSMSD

Manual Integrations APPROVED
mohammad
5/30/2017 1:10:00 PM

Quant Time: May 27 01:05:15 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	7.94	152	101411	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	364761	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	254169	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	646620	20.00	ng		-0.04
75) Chrysene-d12	21.48	240	968920	20.00	ng		-0.03
86) Perylene-d12	23.83	264	1007502	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	473360	84.29	ng		-0.03
7) Phenol-d6	7.13	99	370740	51.31	ng		-0.04
23) Nitrobenzene-d5	9.13	82	812364	120.16	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	666564	172.67	ng		-0.03
44) 2-Fluorobiphenyl	13.19	172	2133659	107.92	ng		-0.04
78) Terphenyl-d14	19.92	244	3985508	93.53	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	62989	24.41	ng	#	100
3) Pyridine	3.88	79	93388	13.52	ng	#	84
4) n-Nitrosodimethylamine	3.76	42	83597	33.46	ng	#	64
6) Aniline	7.37	93	383731m	42.86	ng		
8) 2-Chlorophenol	7.51	128	253125	41.43	ng		89
9) Benzaldehyde	7.10	77	81613	18.14	ng		85
10) Phenol	7.15	94	139497	18.32	ng		94
11) bis(2-Chloroethyl)ether	7.37	93	421994	74.34	ng		95
12) 1,3-Dichlorobenzene	7.82	146	349197	44.97	ng	#	88
13) 1,4-Dichlorobenzene	7.97	146	355755	44.60	ng		96
14) 1,2-Dichlorobenzene	8.29	146	344773	45.03	ng		97
15) Benzyl Alcohol	8.20	79	176152	32.22	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.46	45	219816	39.39	ng		73
17) 2-Methylphenol	8.40	107	183567	33.88	ng	#	84
18) Hexachloroethane	9.01	117	125208	48.43	ng	#	69
19) n-Nitroso-di-n-propylamine	8.75	70	266677	52.29	ng		95
20) 3+4-Methylphenols	8.73	107	233337	31.89	ng		88
22) Acetophenone	8.77	105	479457	51.28	ng	#	96
24) Nitrobenzene	9.17	77	410684	58.96	ng		92
25) Isophorone	9.67	82	659576	56.46	ng	#	93
26) 2-Nitrophenol	9.87	139	156401	53.27	ng	#	47
27) 2,4-Dimethylphenol	9.92	122	240231	45.32	ng	#	79
28) bis(2-Chloroethoxy)methane	10.16	93	354677	47.84	ng		99
29) 2,4-Dichlorophenol	10.40	162	322570	52.85	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	402884	51.02	ng		98
31) Naphthalene	10.80	128	895407	45.89	ng		98
32) Benzoic acid	10.03	122	74614	20.65	ng	#	85
33) 4-Chloroaniline	11.00	127	256943m	34.18	ng		
34) Hexachlorobutadiene	11.04	225	277670	52.71	ng		96
35) Caprolactam	11.79	113	16781	9.58	ng	#	63
36) 4-Chloro-3-methylphenol	12.05	107	308440	46.66	ng	#	80
37) 2-Methylnaphthalene	12.39	142	720899	51.31	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	488412	49.97	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	647785	114.79	ng		100

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5/30/2017 1:10:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.00	196	318630	55.35	ng		99
43) 2,4,5-Trichlorophenol	13.08	196	338480	53.21	ng	#	91
45) 1,1'-Biphenyl	13.40	154	1016957	48.65	ng		99
46) 2-Chloronaphthalene	13.45	162	812527	48.01	ng		95
47) 2-Nitroaniline	13.69	65	248237	57.04	ng	#	77
48) Acenaphthylene	14.30	152	1273052	50.87	ng		99
49) Dimethylphthalate	14.04	163	1160790	51.20	ng	#	99
50) 2,6-Dinitrotoluene	14.17	165	226042	52.51	ng	#	84
51) Acenaphthene	14.64	154	767359	49.33	ng		96
52) 3-Nitroaniline	14.53	138	172499	43.11	ng	#	66
53) 2,4-Dinitrophenol	14.71	184	314505	107.58	ng		87
54) Dibenzofuran	14.97	168	1340651	54.81	ng		95
55) 4-Nitrophenol	14.83	139	131572	40.86	ng	#	20
56) 2,4-Dinitrotoluene	14.95	165	333525	54.76	ng		90
57) Fluorene	15.62	166	1120242	52.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	332267	61.32	ng	#	100
59) Diethylphthalate	15.39	149	1081028	50.43	ng		97
60) 4-Chlorophenyl-phenylether	15.61	204	623141	52.18	ng		99
61) 4-Nitroaniline	15.69	138	179448	44.18	ng	#	10
62) Azobenzene	15.90	77	1084241	68.79	ng		88
64) 4,6-Dinitro-2-methylphenol	15.70	198	216100	54.70	ng		82
65) n-Nitrosodiphenylamine	15.83	169	965363	49.81	ng		99
66) 4-Bromophenyl-phenylether	16.50	248	421551	50.93	ng		94
67) Hexachlorobenzene	16.60	284	462807	46.02	ng		94
68) Atrazine	16.78	200	390107	53.09	ng		97
69) Pentachlorophenol	16.96	266	591137	107.02	ng		98
70) Phenanthrene	17.36	178	1827336	50.51	ng		100
71) Anthracene	17.45	178	1891960	52.70	ng		99
72) Carbazole	17.74	167	1613441	50.76	ng		99
73) Di-n-butylphthalate	18.26	149	1889723	50.14	ng	#	97
74) Fluoranthene	19.37	202	2411152	51.33	ng		97
76) Benzidine	19.58	184	295123	16.51	ng		97
77) Pyrene	19.73	202	2486298	47.86	ng		100
79) Butylbenzylphthalate	20.60	149	910436	47.35	ng	#	85
80) Benzo(a)anthracene	21.46	228	2734536	51.21	ng		100
81) 3,3'-Dichlorobenzidine	21.41	252	890207	41.44	ng	#	97
82) Chrysene	21.52	228	2432993	48.04	ng		99
83) Bis(2-ethylhexyl)phthalate	21.34	149	1349457	46.93	ng	#	99
84) Di-n-octyl phthalate	22.25	149	2410080	46.81	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3877098	52.20	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3107638	52.70	ng	#	92
88) Benzo(k)fluoranthene	23.16	252	2947549	51.02	ng	#	95
89) Benzo(a)pyrene	23.73	252	2953048	52.56	ng	#	97
90) Dibenzo(a,h)anthracene	26.26	278	3218350	51.22	ng	#	91
91) Benzo(g,h,i)perylene	27.00	276	3192466m	51.86	ng		

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

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