Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010263.D
Acq On : 26 May 2017 18:47
Operator : SJ/MA
Sample : PB99311BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Manual Integrations APPROVED
mohammad
5/30/2017 1:09:55 PM

Quant Time: May 27 00:51:21 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	108447	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	367098	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	232681	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	541600	20.00	ng		-0.04
75) Chrysene-d12	21.48	240	851734	20.00	ng		-0.03
86) Perylene-d12	23.83	264	1006285	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	888037	147.87	ng		-0.04
7) Phenol-d6	7.13	99	1057511	136.85	ng		-0.04
23) Nitrobenzene-d5	9.13	82	748089	109.94	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	535633	151.57	ng		-0.03
44) 2-Fluorobiphenyl	13.19	172	1924328	106.32	ng		-0.04
78) Terphenyl-d14	19.92	244	3131874	83.61	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	104597	37.91	ng	#	100
3) Pyridine	3.84	79	265414	35.93	ng	#	88
4) n-Nitrosodimethylamine	3.76	42	161940	60.61	ng	#	79
6) Aniline	7.29	93	289619	30.25	ng		93
8) 2-Chlorophenol	7.51	128	281099	43.02	ng		92
9) Benzaldehyde	7.10	77	62234	12.94	ng		91
10) Phenol	7.16	94	348906	42.84	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	261820	43.13	ng		97
12) 1,3-Dichlorobenzene	7.82	146	338602	40.78	ng	#	90
13) 1,4-Dichlorobenzene	7.97	146	356548	41.80	ng		96
14) 1,2-Dichlorobenzene	8.29	146	334928	40.91	ng		95
15) Benzyl Alcohol	8.20	79	237956	40.70	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.46	45	205987	34.51	ng		73
17) 2-Methylphenol	8.40	107	233264	40.26	ng	#	82
18) Hexachloroethane	9.01	117	121667	44.00	ng	#	70
19) n-Nitroso-di-n-propylamine	8.75	70	241593	44.29	ng		94
20) 3+4-Methylphenols	8.73	107	313524	40.06	ng		84
22) Acetophenone	8.78	105	431300	45.83	ng	#	95
24) Nitrobenzene	9.17	77	369029	52.65	ng		92
25) Isophorone	9.67	82	572193	48.67	ng	#	93
26) 2-Nitrophenol	9.87	139	141411	47.86	ng	#	55
27) 2,4-Dimethylphenol	9.92	122	238106	44.63	ng	#	78
28) bis(2-Chloroethoxy)methane	10.16	93	316265	42.39	ng		100
29) 2,4-Dichlorophenol	10.40	162	307122	50.00	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	379467	47.75	ng		99
31) Naphthalene	10.80	128	811849	41.34	ng		99
32) Benzoic acid	10.06	122	136984	37.68	ng	#	79
33) 4-Chloroaniline	10.96	127	193796m	25.62	ng		
34) Hexachlorobutadiene	11.04	225	269005	50.74	ng		96
35) Caprolactam	11.75	113	70204m	39.83	ng		
36) 4-Chloro-3-methylphenol	12.05	107	283379	42.60	ng	#	82
37) 2-Methylnaphthalene	12.40	142	635527	44.95	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	433646	48.46	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	653551	126.50	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010263.D
Acq On : 26 May 2017 18:47
Operator : SJ/MA
Sample : PB99311BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Manual Integrations APPROVED
mohammad
5/30/2017 1:09:55 PM

Quant Time: May 27 00:51:21 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)
42) 2,4,6-Trichlorophenol	13.01	196	271920	51.60	ng		98
43) 2,4,5-Trichlorophenol	13.09	196	286034	49.12	ng	#	91
45) 1,1'-Biphenyl	13.40	154	876280	45.80	ng		99
46) 2-Chloronaphthalene	13.45	162	698604	45.09	ng		95
47) 2-Nitroaniline	13.69	65	192922	48.43	ng	#	79
48) Acenaphthylene	14.30	152	1053210	45.98	ng		99
49) Dimethylphthalate	14.04	163	879264	42.36	ng	#	99
50) 2,6-Dinitrotoluene	14.17	165	187703	47.63	ng	#	82
51) Acenaphthene	14.64	154	637047	44.73	ng		98
52) 3-Nitroaniline	14.53	138	146494	39.99	ng	#	71
53) 2,4-Dinitrophenol	14.71	184	253132	95.35	ng	#	89
54) Dibenzofuran	14.97	168	1088182	48.59	ng		97
55) 4-Nitrophenol	14.83	139	247785	84.05	ng	#	19
56) 2,4-Dinitrotoluene	14.95	165	259943	46.62	ng	#	89
57) Fluorene	15.62	166	897998	46.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	274114	55.26	ng	#	100
59) Diethylphthalate	15.39	149	841308	42.87	ng		98
60) 4-Chlorophenyl-phenylether	15.61	204	503991	46.10	ng		99
61) 4-Nitroaniline	15.69	138	142912	38.43	ng	#	15
62) Azobenzene	15.90	77	867621	60.13	ng		88
64) 4,6-Dinitro-2-methylphenol	15.70	198	168087	50.80	ng		81
65) n-Nitrosodiphenylamine	15.83	169	769814	47.43	ng		99
66) 4-Bromophenyl-phenylether	16.50	248	332216	47.92	ng		95
67) Hexachlorobenzene	16.60	284	367852	43.67	ng		93
68) Atrazine	16.78	200	290082	47.13	ng		95
69) Pentachlorophenol	16.96	266	457868	98.96	ng		97
70) Phenanthrene	17.36	178	1411509	46.58	ng		99
71) Anthracene	17.45	178	1450992	48.25	ng		99
72) Carbazole	17.74	167	1253011	47.06	ng		98
73) Di-n-butylphthalate	18.26	149	1323896	41.94	ng	#	97
74) Fluoranthene	19.37	202	1795591	45.64	ng		97
76) Benzidine	19.57	184	741189	47.18	ng		98
77) Pyrene	19.73	202	1861984	40.78	ng		99
79) Butylbenzylphthalate	20.60	149	642650	38.02	ng	#	84
80) Benzo(a)anthracene	21.46	228	2206135	47.00	ng		100
81) 3,3'-Dichlorobenzidine	21.41	252	749008	39.67	ng	#	97
82) Chrysene	21.52	228	2007804	45.10	ng		99
83) Bis(2-ethylhexyl)phthalate	21.34	149	961880	38.05	ng	#	98
84) Di-n-octyl phthalate	22.25	149	1871022	41.34	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3695950	56.61	ng	#	100
87) Benzo(b)fluoranthene	23.11	252	2746393	46.63	ng	#	93
88) Benzo(k)fluoranthene	23.16	252	2672387	46.32	ng	#	95
89) Benzo(a)pyrene	23.73	252	2740650	48.84	ng	#	96
90) Dibenzo(a,h)anthracene	26.26	278	3009192	47.95	ng	#	90
91) Benzo(g,h,i)perylene	27.00	276	2995058	48.71	ng	#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010263.D
Acq On : 26 May 2017 18:47
Operator : SJ/MA
Sample : PB99311BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 27 00:51:21 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

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Manual Integrations APPROVED
mohammad
5/30/2017 1:09:55 PM