Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010267.D
Acq On : 26 May 2017 21:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/30/2017 1:10:03 PM

Quant Time: May 27 01:07:33 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	135233	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	483862	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	328749	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	817488	20.00	ng		-0.04
75) Chrysene-d12	21.48	240	1239582	20.00	ng		-0.03
86) Perylene-d12	23.83	264	1305554	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	586487	78.32	ng		-0.04
7) Phenol-d6	7.13	99	764622	79.35	ng		-0.04
23) Nitrobenzene-d5	9.13	82	879004	98.01	ng		-0.04
41) 2,4,6-Tribromophenol	16.06	330	432064	86.53	ng		-0.04
44) 2-Fluorobiphenyl	13.19	172	2187822	85.55	ng		-0.04
78) Terphenyl-d14	19.92	244	4574246	83.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	146531	42.59	ng	#	100
3) Pyridine	3.84	79	352938	38.32	ng		91
4) n-Nitrosodimethylamine	3.76	42	184900	55.50	ng	#	71
6) Aniline	7.29	93	443753	37.17	ng		93
8) 2-Chlorophenol	7.51	128	311287	38.21	ng		92
9) Benzaldehyde	7.10	77	240499	40.09	ng		84
10) Phenol	7.15	94	393587	38.76	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	292970	38.70	ng		94
12) 1,3-Dichlorobenzene	7.82	146	410029	39.60	ng	#	92
13) 1,4-Dichlorobenzene	7.97	146	412371	38.77	ng		95
14) 1,2-Dichlorobenzene	8.29	146	397930	38.98	ng		96
15) Benzyl Alcohol	8.20	79	267254	36.66	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.45	45	256735	34.50	ng		76
17) 2-Methylphenol	8.40	107	279738	38.71	ng	#	84
18) Hexachloroethane	9.01	117	148445	43.05	ng	#	73
19) n-Nitroso-di-n-propylamine	8.75	70	303296	44.59	ng		95
20) 3+4-Methylphenols	8.73	107	388728	39.83	ng		87
22) Acetophenone	8.78	105	527523	42.53	ng	#	97
24) Nitrobenzene	9.17	77	441624	47.80	ng		94
25) Isophorone	9.67	82	686335	44.29	ng	#	93
26) 2-Nitrophenol	9.87	139	176416	45.30	ng	#	53
27) 2,4-Dimethylphenol	9.92	122	277767	39.50	ng	#	72
28) bis(2-Chloroethoxy)methane	10.16	93	393941	40.06	ng		98
29) 2,4-Dichlorophenol	10.40	162	365833	45.19	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	452405	43.19	ng		100
31) Naphthalene	10.80	128	1012047	39.10	ng		100
32) Benzoic acid	10.06	122	186105	38.84	ng	#	81
33) 4-Chloroaniline	10.93	127	372992	37.40	ng	#	81
34) Hexachlorobutadiene	11.04	225	329687	47.18	ng		97
35) Caprolactam	11.75	113	98369	42.34	ng	#	80
36) 4-Chloro-3-methylphenol	12.05	107	376544	42.94	ng		85
37) 2-Methylnaphthalene	12.39	142	773220	41.49	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	555440	43.94	ng	#	100
40) Hexachlorocyclopentadiene	12.71	237	324454	44.45	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010267.D
Acq On : 26 May 2017 21:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/30/2017 1:10:03 PM

Quant Time: May 27 01:07:33 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	343764	46.17	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	371020	45.09	ng	#	91
45) 1,1'-Biphenyl	13.40	154	1112588	41.15	ng		98
46) 2-Chloronaphthalene	13.45	162	908342	41.50	ng		96
47) 2-Nitroaniline	13.69	65	281868	50.08	ng	#	78
48) Acenaphthylene	14.30	152	1338806	41.36	ng		99
49) Dimethylphthalate	14.04	163	1205892	41.12	ng	#	98
50) 2,6-Dinitrotoluene	14.17	165	241690	43.40	ng		87
51) Acenaphthene	14.64	154	829781	41.24	ng		98
52) 3-Nitroaniline	14.52	138	206743	39.95	ng	#	63
53) 2,4-Dinitrophenol	14.71	184	158581	45.80	ng	#	87
54) Dibenzofuran	14.97	168	1310969	41.44	ng		95
55) 4-Nitrophenol	14.83	139	158750	38.12	ng	#	11
56) 2,4-Dinitrotoluene	14.95	165	340768	43.26	ng		91
57) Fluorene	15.62	166	1163595	42.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	322331	45.99	ng	#	100
59) Diethylphthalate	15.39	149	1176976	42.45	ng		96
60) 4-Chlorophenyl-phenylether	15.61	204	663480	42.95	ng		98
61) 4-Nitroaniline	15.69	138	205804	39.17	ng	#	6
62) Azobenzene	15.90	77	1020807	50.07	ng		87
64) 4,6-Dinitro-2-methylphenol	15.70	198	240117	48.08	ng		82
65) n-Nitrosodiphenylamine	15.83	169	1022522	41.73	ng		100
66) 4-Bromophenyl-phenylether	16.50	248	451510	43.14	ng		95
67) Hexachlorobenzene	16.60	284	502869	39.55	ng		91
68) Atrazine	16.78	200	383432	41.28	ng		97
69) Pentachlorophenol	16.96	266	318268	45.57	ng		97
70) Phenanthrene	17.36	178	1901939	41.58	ng		99
71) Anthracene	17.45	178	1933846	42.60	ng		99
72) Carbazole	17.74	167	1642139	40.86	ng		98
73) Di-n-butylphthalate	18.26	149	2009424	42.17	ng	#	97
74) Fluoranthene	19.37	202	2470484	41.60	ng		97
76) Benzidine	19.57	184	586976	25.67	ng		96
77) Pyrene	19.73	202	2634313	39.64	ng		99
79) Butylbenzylphthalate	20.60	149	979138	39.80	ng	#	81
80) Benzo(a)anthracene	21.46	228	2799529	40.98	ng		100
81) 3,3'-Dichlorobenzidine	21.41	252	1091704	39.73	ng	#	97
82) Chrysene	21.52	228	2616087	40.38	ng		100
83) Bis(2-ethylhexyl)phthalate	21.34	149	1455162	39.55	ng	#	97
84) Di-n-octyl phthalate	22.25	149	2642332	40.12	ng		99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3877232	40.81	ng	#	100
87) Benzo(b)fluoranthene	23.11	252	3194839	41.81	ng	#	92
88) Benzo(k)fluoranthene	23.16	252	3085263	41.21	ng	#	95
89) Benzo(a)pyrene	23.73	252	2991385	41.09	ng	#	96
90) Dibenzo(a,h)anthracene	26.26	278	3354542	41.20	ng	#	92
91) Benzo(g,h,i)perylene	27.00	276	3347698m	41.96	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010267.D
Acq On : 26 May 2017 21:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 01:07:33 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 :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/30/2017 1:10:03 PM