Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022728.D
Acq On : 20 Sep 2019 15:08
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:45 AM

Quant Time: Sep 20 16:23:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	185120	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	735076	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	419211	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	816878	20.00	ng		0.00
76) Chrysene-d12	21.38	240	825079	20.00	ng		0.00
87) Perylene-d12	23.65	264	885961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1880683	181.04	ng		0.00
7) Phenol-d6	6.99	99	2416418	174.67	ng		0.00
23) Nitrobenzene-d5	8.99	82	2121359	140.36	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	870779	128.33	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	4772818	142.20	ng		0.00
79) Terphenyl-d14	19.82	244	6452745	113.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	375706	86.318	ng	#	100
3) Pyridine	3.72	79	978390	88.728	ng		100
4) n-Nitrosodimethylamine	3.63	42	369721	55.966	ng	#	99
6) Aniline	7.16	93	1460779	78.868	ng		100
8) 2-Chlorophenol	7.39	128	960314	77.639	ng		100
9) Benzaldehyde	6.97	77	589065	67.194	ng		99
10) Phenol	7.02	94	1136878	77.624	ng		100
11) bis(2-Chloroethyl)ether	7.25	93	896956	77.418	ng		99
12) 1,3-Dichlorobenzene	7.72	146	1137159	75.429	ng		100
13) 1,4-Dichlorobenzene	7.86	146	1152156	75.278	ng		100
14) 1,2-Dichlorobenzene	8.18	146	1096251	73.542	ng		100
15) Benzyl Alcohol	8.06	79	768378	63.184	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1261465	78.585	ng		100
17) 2-Methylphenol	8.27	107	763960	73.133	ng		99
18) Hexachloroethane	8.91	117	423054	63.666	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	667458	61.252	ng		98
20) 3+4-Methylphenols	8.60	107	1019333	72.253	ng		99
22) Acetophenone	8.65	105	1425234	75.579	ng	#	98
24) Nitrobenzene	9.03	77	1001582	64.728	ng		98
25) Isophorone	9.56	82	1785757	66.579	ng		99
26) 2-Nitrophenol	9.73	139	476993	72.774	ng		98
27) 2,4-Dimethylphenol	9.79	122	752536	76.170	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1208178	76.141	ng		100
29) 2,4-Dichlorophenol	10.27	162	862536	72.348	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	1028225	70.017	ng		99
31) Naphthalene	10.67	128	2883307	75.523	ng		100
32) Benzoic acid	9.96	122	531812	63.058	ng		96
33) 4-Chloroaniline	10.77	127	1272268	79.629	ng		100
34) Hexachlorobutadiene	10.96	225	612502	48.610	ng		100
35) Caprolactam	11.57	113	272620m	85.068	ng		
36) 4-Chloro-3-methylphenol	11.90	107	831926	66.017	ng		100
37) 2-Methylnaphthalene	12.28	142	2027539	72.658	ng		99
38) 1-Methylnaphthalene	12.50	142	1914469	71.825	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1124118	68.505	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022728.D
Acq On : 20 Sep 2019 15:08
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:45 AM

Quant Time: Sep 20 16:23:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	652426	85.429	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	692557	70.406	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	712120	71.320	ng		98
46) 1,1'-Biphenyl	13.30	154	2689305	81.572	ng		100
47) 2-Chloronaphthalene	13.33	162	2047946	75.479	ng		99
48) 2-Nitroaniline	13.53	65	570389	66.508	ng		99
49) Acenaphthylene	14.18	152	3086663	74.167	ng		100
50) Dimethylphthalate	13.92	163	2413928	68.490	ng		100
51) 2,6-Dinitrotoluene	14.03	165	525882	75.555	ng		96
52) Acenaphthene	14.53	154	2034036	83.808	ng		100
53) 3-Nitroaniline	14.36	138	614254	88.617	ng		99
54) 2,4-Dinitrophenol	14.56	184	273357	79.451	ng		95
55) Dibenzofuran	14.86	168	2885163	71.540	ng		99
56) 4-Nitrophenol	14.66	139	480753	104.065	ng		100
57) 2,4-Dinitrotoluene	14.82	165	709453	71.000	ng		99
58) Fluorene	15.51	166	2340121	68.830	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	625934	62.877	ng		97
60) Diethylphthalate	15.29	149	2362145	63.556	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	1202990	56.144	ng		98
62) 4-Nitroaniline	15.52	138	645506	100.617	ng		99
63) Azobenzene	15.79	77	2124381	59.316	ng		99
65) 4,6-Dinitro-2-methylphenol	15.58	198	351180	71.602	ng		97
66) n-Nitrosodiphenylamine	15.72	169	2016154	76.974	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	749188	61.891	ng		99
68) Hexachlorobenzene	16.51	284	854216	62.115	ng		99
69) Atrazine	16.66	200	679983	78.397	ng		99
70) Pentachlorophenol	16.85	266	495747	74.094	ng		98
71) Phenanthrene	17.24	178	3648919	77.028	ng		99
72) Anthracene	17.33	178	3604974	76.661	ng		99
73) Carbazole	17.60	167	3364366	85.741	ng		99
74) Di-n-butylphthalate	18.17	149	3918423	65.817	ng		100
75) Fluoranthene	19.26	202	4214878	73.783	ng		98
77) Benzidine	19.43	184	1833048	99.051	ng		100
78) Pyrene	19.62	202	4342924	74.781	ng		99
80) Butylbenzylphthalate	20.52	149	1791121	68.954	ng		98
81) Benzo(a)anthracene	21.36	228	4245756	73.172	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	1576847	77.942	ng		99
83) Chrysene	21.42	228	4104235	73.273	ng		98
84) Bis(2-ethylhexyl)phthalate	21.30	149	2581563	66.084	ng		99
85) Di-n-octyl phthalate	22.19	149	4266437	67.475	ng		98
86) Indeno(1,2,3-cd)pyrene	25.97	276	5054248	80.555	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	4315601	72.951	ng		99
89) Benzo(k)fluoranthene	23.02	252	4276847	73.960	ng		99
90) Benzo(a)pyrene	23.56	252	4071668	75.576	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	4147213	72.447	ng		99
92) Benzo(g,h,i)perylene	26.69	276	4009064	80.106	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022728.D
Acq On : 20 Sep 2019 15:08
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 20 16:23:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:45 AM