Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018911.D
Acq On : 25 Feb 2019 12:16
Operator : JU/SJ
Sample : PB117339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Manual Integrations APPROVED
Sohil
2/26/2019 12:05:59 PM

Quant Time: Feb 25 13:17:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 12:45:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	246570	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1033178	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	594328	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1323157	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1285487	20.00	ng	0.00
87) Perylene-d12	23.55	264	1109031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2395851	159.21	ng	0.00
7) Phenol-d6	6.87	99	3324322	156.81	ng	0.00
23) Nitrobenzene-d5	8.86	82	1776830	79.52	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1313743	153.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3559773	79.51	ng	0.00
79) Terphenyl-d14	19.73	244	5909731	94.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	237244	36.196	ng	96
3) Pyridine	3.64	79	693669	38.799	ng	99
4) n-Nitrosodimethylamine	3.56	42	209764	46.120	ng	93
6) Aniline	7.04	93	833268	32.079	ng	100
8) 2-Chlorophenol	7.26	128	742486	44.939	ng	98
9) Benzaldehyde	6.86	77	278146	20.787	ng	99
10) Phenol	6.90	94	1015085	45.506	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	685071	40.261	ng	98
12) 1,3-Dichlorobenzene	7.58	146	731711	39.385	ng	99
13) 1,4-Dichlorobenzene	7.73	146	751272	39.721	ng	100
14) 1,2-Dichlorobenzene	8.05	146	726561	39.992	ng	99
15) Benzyl Alcohol	7.95	79	722757	42.906	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.23	45	669975	40.681	ng	97
17) 2-Methylphenol	8.14	107	634668	44.703	ng	98
18) Hexachloroethane	8.76	117	275485	39.900	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	648579	39.512	ng	99
20) 3+4-Methylphenols	8.47	107	859926	43.863	ng	99
22) Acetophenone	8.53	105	1084832	38.235	ng	99
24) Nitrobenzene	8.91	77	936634	40.383	ng	99
25) Isophorone	9.43	82	1618654	45.400	ng	100
26) 2-Nitrophenol	9.61	139	384478	41.626	ng	99
27) 2,4-Dimethylphenol	9.67	122	664015	49.221	ng	100
28) bis(2-Chloroethoxy)methane	9.91	93	969711	42.060	ng	100
29) 2,4-Dichlorophenol	10.13	162	687032	44.352	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	709809	39.678	ng	97
31) Naphthalene	10.53	128	2165207	42.970	ng	99
32) Benzoic acid	9.82	122	467268m	39.707	ng	
33) 4-Chloroaniline	10.66	127	446641	19.829	ng	100
34) Hexachlorobutadiene	10.80	225	378881	36.488	ng	99
35) Caprolactam	11.47	113	223322m	35.325	ng	
36) 4-Chloro-3-methylphenol	11.78	107	790067	42.303	ng	99
37) 2-Methylnaphthalene	12.15	142	1603206	45.190	ng	99
38) 1-Methylnaphthalene	12.37	142	1528520	44.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	754448	39.683	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018911.D
Acq On : 25 Feb 2019 12:16
Operator : JU/SJ
Sample : PB117339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Manual Integrations APPROVED
Sohil
2/26/2019 12:05:59 PM

Quant Time: Feb 25 13:17:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 12:45:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	841031	86.523 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	544324	43.249 ng	98
44) 2,4,5-Trichlorophenol	12.84	196	575695	43.641 ng	97
46) 1,1'-Biphenyl	13.17	154	2055900	40.187 ng	99
47) 2-Chloronaphthalene	13.22	162	1587621	40.179 ng	100
48) 2-Nitroaniline	13.44	65	556861	42.433 ng	98
49) Acenaphthylene	14.07	152	2593940	44.087 ng	99
50) Dimethylphthalate	13.82	163	2031444	41.013 ng	99
51) 2,6-Dinitrotoluene	13.94	165	448932	41.841 ng	99
52) Acenaphthene	14.42	154	1495391	41.449 ng	100
53) 3-Nitroaniline	14.27	138	329120	27.148 ng	94
54) 2,4-Dinitrophenol	14.49	184	425376	63.742 ng	97
55) Dibenzofuran	14.75	168	2425771	40.908 ng	100
56) 4-Nitrophenol	14.59	139	710720	73.439 ng	99
57) 2,4-Dinitrotoluene	14.73	165	634647	42.930 ng	99
58) Fluorene	15.40	166	1991293	43.894 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	515012	44.168 ng	100
60) Diethylphthalate	15.18	149	2085285	40.813 ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	976458	38.390 ng	97
62) 4-Nitroaniline	15.44	138	407254	34.266 ng	98
63) Azobenzene	15.69	77	2255825	41.177 ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	319451	34.386 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1727034	41.313 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	580609	39.203 ng	97
68) Hexachlorobenzene	16.39	284	681470	39.586 ng	99
69) Atrazine	16.57	200	585475	43.442 ng	99
70) Pentachlorophenol	16.74	266	842547	76.012 ng	98
71) Phenanthrene	17.14	178	3074504	43.237 ng	100
72) Anthracene	17.23	178	3102113	44.821 ng	99
73) Carbazole	17.52	167	2802403	38.755 ng	99
74) Di-n-butylphthalate	18.07	149	3512507	42.237 ng	99
75) Fluoranthene	19.17	202	3449544	41.996 ng	99
77) Benzidine	19.36	184	1025581	35.425 ng	99
78) Pyrene	19.53	202	3529348	47.272 ng	99
80) Butylbenzylphthalate	20.43	149	1604326	47.151 ng	98
81) Benzo(a)anthracene	21.28	228	3291096	43.920 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	904255	30.534 ng	100
83) Chrysene	21.33	228	3080557	42.891 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2330050	46.788 ng	99
85) Di-n-octyl phthalate	22.09	149	3921058	46.847 ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3235003	39.012 ng	100
88) Benzo(b)fluoranthene	22.87	252	3079032	48.525 ng	100
89) Benzo(k)fluoranthene	22.91	252	3053202	48.333 ng	100
90) Benzo(a)pyrene	23.45	252	2879151	47.899 ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2751903	46.209 ng	100
92) Benzo(g,h,i)perylene	26.53	276	2628278	47.406 ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018911.D
Acq On : 25 Feb 2019 12:16
Operator : JU/SJ
Sample : PB117339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 25 13:17:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 12:45:05 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Manual Integrations APPROVED
Sohil
2/26/2019 12:05:59 PM