Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020054.D
Acq On : 24 Apr 2019 03:02
Operator : JU/SJ
Sample : PB119150BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119150BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:51 AM

Quant Time: Apr 24 08:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	108730	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	415188	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	220411	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	454725	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	548022	20.00	ng		-0.02
87) Perylene-d12	23.33	264	550497	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	927807	138.29	ng		-0.02
7) Phenol-d6	6.69	99	1195369	118.39	ng		-0.02
23) Nitrobenzene-d5	8.66	82	829164	89.31	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	441859	124.54	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1598056	90.36	ng		-0.02
79) Terphenyl-d14	19.57	244	2444607	78.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	114998	39.721	ng		96
3) Pyridine	3.48	79	237177	29.252	ng		98
4) n-Nitrosodimethylamine	3.40	42	107677	41.225	ng	#	92
6) Aniline	6.85	93	353169	27.081	ng		99
8) 2-Chlorophenol	7.06	128	310960	37.266	ng		99
9) Benzaldehyde	6.67	77	97670	13.785	ng		97
10) Phenol	6.72	94	400615	36.315	ng		93
11) bis(2-Chloroethyl)ether	6.94	93	283299	35.099	ng		100
12) 1,3-Dichlorobenzene	7.37	146	331132	37.800	ng		99
13) 1,4-Dichlorobenzene	7.52	146	341171	38.385	ng		99
14) 1,2-Dichlorobenzene	7.83	146	332476	37.726	ng		100
15) Benzyl Alcohol	7.76	79	305496	33.281	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.02	45	248080	32.242	ng		97
17) 2-Methylphenol	7.95	107	250858	34.358	ng		96
18) Hexachloroethane	8.53	117	132418	38.328	ng		99
19) n-Nitroso-di-n-propylamine	8.30	70	267748	30.167	ng		99
20) 3+4-Methylphenols	8.29	107	326283	32.532	ng		98
22) Acetophenone	8.33	105	467530	41.343	ng		99
24) Nitrobenzene	8.70	77	400372	41.630	ng		98
25) Isophorone	9.22	82	653099	36.138	ng		99
26) 2-Nitrophenol	9.41	139	152760	37.273	ng		96
27) 2,4-Dimethylphenol	9.47	122	255649	44.116	ng		98
28) bis(2-Chloroethoxy)methane	9.70	93	369566	36.519	ng		98
29) 2,4-Dichlorophenol	9.95	162	255578	38.833	ng		97
30) 1,2,4-Trichlorobenzene	10.13	180	303871	42.898	ng		99
31) Naphthalene	10.32	128	903854	40.587	ng		100
32) Benzoic acid	9.67	122	142675	28.448	ng		96
33) 4-Chloroaniline	10.47	127	241835	26.360	ng		99
34) Hexachlorobutadiene	10.56	225	182849	43.767	ng		97
35) Caprolactam	11.29	113	72684m	29.176	ng		
36) 4-Chloro-3-methylphenol	11.60	107	281629	34.439	ng		97
37) 2-Methylnaphthalene	11.94	142	627586	38.709	ng		97
38) 1-Methylnaphthalene	12.16	142	595949	37.228	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	302713	44.520	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020054.D
Acq On : 24 Apr 2019 03:02
Operator : JU/SJ
Sample : PB119150BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119150BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:51 AM

Quant Time: Apr 24 08:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	194505	80.681 ng	98
43) 2,4,6-Trichlorophenol	12.59	196	196220	42.565 ng	98
44) 2,4,5-Trichlorophenol	12.67	196	196596	40.975 ng	96
46) 1,1'-Biphenyl	12.97	154	787733	41.263 ng	100
47) 2-Chloronaphthalene	13.02	162	613635	42.140 ng	99
48) 2-Nitroaniline	13.27	65	201965	38.478 ng	98
49) Acenaphthylene	13.88	152	963892	38.044 ng	99
50) Dimethylphthalate	13.63	163	756617	38.917 ng	100
51) 2,6-Dinitrotoluene	13.77	165	161320	37.524 ng	87
52) Acenaphthene	14.22	154	560138	39.873 ng	97
53) 3-Nitroaniline	14.12	138	113349	26.405 ng	95
54) 2,4-Dinitrophenol	14.35	184	158829	63.563 ng	93
55) Dibenzofuran	14.56	168	895029	38.962 ng	97
56) 4-Nitrophenol	14.45	139	198318	60.120 ng	90
57) 2,4-Dinitrotoluene	14.58	165	222381	35.986 ng	94
58) Fluorene	15.22	166	733791	37.698 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	176305	40.272 ng	99
60) Diethylphthalate	15.00	149	772862	38.222 ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	367557	39.219 ng	97
62) 4-Nitroaniline	15.30	138	137170	32.432 ng	90
63) Azobenzene	15.51	77	857589	39.683 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	96431	33.237 ng	97
66) n-Nitrosodiphenylamine	15.44	169	613437	41.264 ng	99
67) 4-Bromophenyl-phenylether	16.12	248	211823	40.517 ng	97
68) Hexachlorobenzene	16.22	284	256086	40.823 ng	97
69) Atrazine	16.41	200	203485	40.321 ng	98
70) Pentachlorophenol	16.59	266	244470	76.273 ng	99
71) Phenanthrene	16.97	178	1071772	39.718 ng	99
72) Anthracene	17.06	178	1093048	40.692 ng	100
73) Carbazole	17.35	167	974427	38.854 ng	100
74) Di-n-butylphthalate	17.89	149	1280026	38.864 ng	99
75) Fluoranthene	19.00	202	1254579	40.399 ng	98
77) Benzidine	19.22	184	596627	39.458 ng	99
78) Pyrene	19.37	202	1297557	35.754 ng	100
80) Butylbenzylphthalate	20.27	149	630539	35.837 ng	99
81) Benzo(a)anthracene	21.13	228	1304142	37.566 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	454040	35.153 ng	98
83) Chrysene	21.18	228	1310141	39.352 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	950900	36.302 ng	100
85) Di-n-octyl phthalate	21.90	149	1725408	40.595 ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2108776	64.388 ng	98
88) Benzo(b)fluoranthene	22.67	252	1594755	43.628 ng	99
89) Benzo(k)fluoranthene	22.72	252	1537507	44.678 ng	99
90) Benzo(a)pyrene	23.23	252	1540868	47.574 ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1810909	57.992 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1622723	57.373 ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020054.D
Acq On : 24 Apr 2019 03:02
Operator : JU/SJ
Sample : PB119150BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 24 08:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB119150BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:51 AM