Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018523.D
Acq On : 10 Jan 2019 23:53
Operator : JU/SJ
Sample : K1099-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16MSD

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:11 PM

Quant Time: Jan 11 04:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	513198	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	2185191	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1291704	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2937058	20.00	ng		0.00
76) Chrysene-d12	21.35	240	3109629	20.00	ng		0.00
87) Perylene-d12	23.63	264	2772224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	3925657	141.25	ng		0.00
7) Phenol-d6	6.94	99	5278456	149.53	ng		0.00
23) Nitrobenzene-d5	8.93	82	3190844	84.65	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	2436115	148.12	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	8282672	83.67	ng		0.00
79) Terphenyl-d14	19.79	244	11771062	79.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	327203	28.885	ng		97
3) Pyridine	3.68	79	950348	33.650	ng		96
4) n-Nitrosodimethylamine	3.60	42	529949	45.379	ng	#	93
6) Aniline	7.10	93	926869	23.538	ng		99
8) 2-Chlorophenol	7.33	128	1536712	47.342	ng		96
9) Benzaldehyde	6.91	77	448589	19.160	ng		98
10) Phenol	6.97	94	1800769	50.201	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	1186744	42.104	ng		94
12) 1,3-Dichlorobenzene	7.65	146	1528206	39.532	ng		99
13) 1,4-Dichlorobenzene	7.79	146	1572651	40.138	ng		99
14) 1,2-Dichlorobenzene	8.11	146	1512000	40.698	ng		99
15) Benzyl Alcohol	8.00	79	1258892	49.376	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1512489	41.990	ng		94
17) 2-Methylphenol	8.20	107	1224517	50.290	ng		97
18) Hexachloroethane	8.83	117	568338	40.683	ng		96
19) n-Nitroso-di-n-propylamine	8.57	70	1023430	44.550	ng		95
20) 3+4-Methylphenols	8.53	107	1702212	50.641	ng		99
22) Acetophenone	8.59	105	2096307	38.780	ng		98
24) Nitrobenzene	8.97	77	1538821	41.490	ng		96
25) Isophorone	9.49	82	2866379	50.217	ng		98
26) 2-Nitrophenol	9.67	139	856598	47.765	ng		96
27) 2,4-Dimethylphenol	9.73	122	1420900	52.860	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1757503	44.571	ng		99
29) 2,4-Dichlorophenol	10.20	162	1568651	49.007	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	1576822	39.689	ng		99
31) Naphthalene	10.60	128	4640941	44.099	ng		99
32) Benzoic acid	9.86	122	449102m	27.955	ng		
33) 4-Chloroaniline	10.73	127	433688	10.464	ng		98
34) Hexachlorobutadiene	10.87	225	955338	38.062	ng		99
35) Caprolactam	11.53	113	475314m	43.677	ng		
36) 4-Chloro-3-methylphenol	11.85	107	1645320	48.996	ng		98
37) 2-Methylnaphthalene	12.22	142	3526103	47.422	ng		99
38) 1-Methylnaphthalene	12.44	142	3355050	46.634	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1822433	40.346	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018523.D
Acq On : 10 Jan 2019 23:53
Operator : JU/SJ
Sample : K1099-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-16MSD

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:11 PM

Quant Time: Jan 11 04:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	1941650	78.322	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	1300881	47.425	ng		100
44) 2,4,5-Trichlorophenol	12.91	196	1405922	48.735	ng		98
46) 1,1'-Biphenyl	13.24	154	4553385	40.372	ng		99
47) 2-Chloronaphthalene	13.28	162	3508886	40.120	ng		99
48) 2-Nitroaniline	13.50	65	985126	45.783	ng		91
49) Acenaphthylene	14.13	152	5808932	45.576	ng		99
50) Dimethylphthalate	13.87	163	6091726	57.424	ng		99
51) 2,6-Dinitrotoluene	14.00	165	1021602	45.463	ng		94
52) Acenaphthene	14.47	154	3322529	42.604	ng		98
53) 3-Nitroaniline	14.33	138	457664	20.202	ng		94
54) 2,4-Dinitrophenol	14.53	184	782883	65.765	ng		92
55) Dibenzofuran	14.81	168	5393401	41.856	ng		98
56) 4-Nitrophenol	14.65	139	1869189	95.507	ng		95
57) 2,4-Dinitrotoluene	14.79	165	1446787	45.505	ng		98
58) Fluorene	15.46	166	4378218	45.612	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1280677	50.084	ng		98
60) Diethylphthalate	15.24	149	4759729	44.444	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	2260321	40.857	ng		97
62) 4-Nitroaniline	15.50	138	983187	39.788	ng		99
63) Azobenzene	15.75	77	3742879	42.866	ng		96
65) 4,6-Dinitro-2-methylphenol	15.55	198	667410	37.039	ng		88
66) n-Nitrosodiphenylamine	15.67	169	3950599	43.363	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	1390672	42.312	ng		98
68) Hexachlorobenzene	16.45	284	1527761	41.521	ng		99
69) Atrazine	16.63	200	1468219	44.577	ng		99
70) Pentachlorophenol	16.80	266	2009265	83.380	ng		100
71) Phenanthrene	17.20	178	7018539	44.927	ng		100
72) Anthracene	17.29	178	7126947	47.442	ng		100
73) Carbazole	17.57	167	6612835	42.846	ng		99
74) Di-n-butylphthalate	18.12	149	8122534	48.046	ng		99
75) Fluoranthene	19.22	202	8374568	46.497	ng		97
77) Benzidine	19.42	184	3835940	49.959	ng		99
78) Pyrene	19.59	202	8533502	46.296	ng		99
80) Butylbenzylphthalate	20.49	149	3932455	49.998	ng		97
81) Benzo(a)anthracene	21.34	228	8380397	45.746	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	1441815	20.813	ng		100
83) Chrysene	21.39	228	7819034	44.200	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5647571	49.726	ng		98
85) Di-n-octyl phthalate	22.15	149	9644289	50.488	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	7212549	35.358	ng		96
88) Benzo(b)fluoranthene	22.95	252	7490942	47.596	ng		98
89) Benzo(k)fluoranthene	22.99	252	7461268	47.042	ng		98
90) Benzo(a)pyrene	23.54	252	7044580	46.754	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	6079553	39.822	ng		98
92) Benzo(g,h,i)perylene	26.68	276	5778195	38.893	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018523.D
Acq On : 10 Jan 2019 23:53
Operator : JU/SJ
Sample : K1099-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 11 04:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-16MSD

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:11 PM