Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018645.D
Acq On : 18 Jan 2019 20:00
Operator : JU/SJ
Sample : K1188-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

Manual Integrations APPROVED
Sohil
1/21/2019 1:58:31 PM

Quant Time: Jan 18 22:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	249661	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	943425	20.00	ng		0.00
39) Acenaphthene-d10	14.39	164	508516	20.00	ng		0.00
64) Phenanthrene-d10	17.13	188	1141660	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1250740	20.00	ng		0.00
87) Perylene-d12	23.60	264	1271661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1496192	110.66	ng		0.00
7) Phenol-d6	6.91	99	1856900	108.13	ng		0.00
23) Nitrobenzene-d5	8.90	82	1146475	70.45	ng		0.00
42) 2,4,6-Tribromophenol	15.88	330	757485	116.99	ng		0.00
45) 2-Fluorobiphenyl	13.00	172	2586047	66.36	ng		0.00
79) Terphenyl-d14	19.77	244	3834068	64.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	161474	29.302	ng		98
3) Pyridine	3.67	79	429382	31.253	ng		99
4) n-Nitrosodimethylamine	3.59	42	226657	39.895	ng	#	95
6) Aniline	7.07	93	415366	21.683	ng		97
8) 2-Chlorophenol	7.30	128	571478	36.190	ng		95
9) Benzaldehyde	6.89	77	136192	11.340	ng		93
10) Phenol	6.94	94	646548	37.050	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	471117	34.358	ng		96
12) 1,3-Dichlorobenzene	7.62	146	628130	33.401	ng		99
13) 1,4-Dichlorobenzene	7.77	146	642011	33.682	ng		100
14) 1,2-Dichlorobenzene	8.08	146	608502	33.668	ng		100
15) Benzyl Alcohol	7.98	79	444430	35.831	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	592845	33.832	ng		94
17) 2-Methylphenol	8.18	107	436485	36.848	ng		98
18) Hexachloroethane	8.80	117	228248	33.585	ng		95
19) n-Nitroso-di-n-propylamine	8.55	70	371696	33.259	ng		93
20) 3+4-Methylphenols	8.50	107	585704	35.818	ng		99
22) Acetophenone	8.56	105	767816	32.900	ng	#	97
24) Nitrobenzene	8.95	77	552556	34.508	ng		97
25) Isophorone	9.46	82	995541	40.398	ng		97
26) 2-Nitrophenol	9.65	139	307304	39.690	ng		98
27) 2,4-Dimethylphenol	9.70	122	479446	41.313	ng		98
28) bis(2-Chloroethoxy)methane	9.95	93	621071	36.482	ng		100
29) 2,4-Dichlorophenol	10.17	162	519302	37.578	ng		98
30) 1,2,4-Trichlorobenzene	10.39	180	584880	34.099	ng		99
31) Naphthalene	10.57	128	1676079	36.889	ng		100
32) Benzoic acid	9.80	122	131609m	21.064	ng		
33) 4-Chloroaniline	10.70	127	260108	14.536	ng		97
34) Hexachlorobutadiene	10.85	225	354320	32.698	ng		99
35) Caprolactam	11.50	113	154591m	32.903	ng		
36) 4-Chloro-3-methylphenol	11.82	107	532794	36.749	ng		99
37) 2-Methylnaphthalene	12.19	142	1211475	37.738	ng		99
38) 1-Methylnaphthalene	12.41	142	1142764	36.791	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	630923	35.480	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018645.D
Acq On : 18 Jan 2019 20:00
Operator : JU/SJ
Sample : K1188-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

Manual Integrations APPROVED
Sohil
1/21/2019 1:58:31 PM

Quant Time: Jan 18 22:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	789253	80.869	ng		99
43) 2,4,6-Trichlorophenol	12.81	196	426704	39.515	ng		97
44) 2,4,5-Trichlorophenol	12.88	196	452983	39.886	ng		98
46) 1,1'-Biphenyl	13.21	154	1507334	33.948	ng		99
47) 2-Chloronaphthalene	13.26	162	1184149	34.392	ng		100
48) 2-Nitroaniline	13.47	65	317705	37.505	ng		93
49) Acenaphthylene	14.11	152	1892900	37.724	ng		100
50) Dimethylphthalate	13.85	163	1787749	42.807	ng		99
51) 2,6-Dinitrotoluene	13.97	165	334650	37.829	ng		91
52) Acenaphthene	14.45	154	1082645	35.264	ng		97
53) 3-Nitroaniline	14.31	138	233966	26.234	ng		96
54) 2,4-Dinitrophenol	14.51	184	363132	76.202	ng		93
55) Dibenzofuran	14.79	168	1748234	34.463	ng		100
56) 4-Nitrophenol	14.62	139	584811	75.903	ng		96
57) 2,4-Dinitrotoluene	14.76	165	468286	37.413	ng		97
58) Fluorene	15.43	166	1409089	37.289	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	415726	41.297	ng		97
60) Diethylphthalate	15.21	149	1518452	36.016	ng		99
61) 4-Chlorophenyl-phenylether	15.43	204	724915	33.284	ng		98
62) 4-Nitroaniline	15.47	138	318533	32.744	ng		97
63) Azobenzene	15.72	77	1186437	34.516	ng		98
65) 4,6-Dinitro-2-methylphenol	15.52	198	266773	37.934	ng		89
66) n-Nitrosodiphenylamine	15.65	169	1249824	35.292	ng		99
67) 4-Bromophenyl-phenylether	16.33	248	435073	34.054	ng		97
68) Hexachlorobenzene	16.43	284	483527	33.807	ng		98
69) Atrazine	16.60	200	472851	36.934	ng		98
70) Pentachlorophenol	16.78	266	655422	69.972	ng		99
71) Phenanthrene	17.18	178	2226472	36.665	ng		99
72) Anthracene	17.27	178	2263484	38.763	ng		100
73) Carbazole	17.54	167	2105034	35.088	ng		99
74) Di-n-butylphthalate	18.10	149	2602366	39.601	ng		99
75) Fluoranthene	19.20	202	2640814	37.720	ng		98
77) Benzidine	19.40	184	946129	30.636	ng		100
78) Pyrene	19.56	202	2693575	36.332	ng		99
80) Butylbenzylphthalate	20.46	149	1225324	38.733	ng		99
81) Benzo(a)anthracene	21.32	228	2719833	36.913	ng		99
82) 3,3'-Dichlorobenzidine	21.25	252	820752	29.457	ng		100
83) Chrysene	21.37	228	2553645	35.890	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1806956	39.555	ng		99
85) Di-n-octyl phthalate	22.12	149	3111046	40.491	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.91	276	3105185	37.847	ng		97
88) Benzo(b)fluoranthene	22.92	252	2742472	37.987	ng		98
89) Benzo(k)fluoranthene	22.96	252	2567262	35.286	ng		98
90) Benzo(a)pyrene	23.50	252	2600746	37.628	ng		98
91) Dibenzo(a,h)anthracene	25.91	278	2633821	37.609	ng		99
92) Benzo(g,h,i)perylene	26.61	276	2559367	37.555	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018645.D
Acq On : 18 Jan 2019 20:00
Operator : JU/SJ
Sample : K1188-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 18 22:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
S3-FRONT-HOUSE-7MSD

Manual Integrations APPROVED
Sohil
1/21/2019 1:58:31 PM