Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018897.D
Acq On : 21 Feb 2019 15:56
Operator : JU/SJ
Sample : K1538-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMS

Manual Integrations APPROVED
Sohil
2/22/2019 9:32:39 AM

Quant Time: Feb 22 03:32:43 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 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	276719	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1183025	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	680115	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1551314	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1671275	20.00	ng		-0.01
87) Perylene-d12	23.54	264	1472137	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2522900	149.38	ng		-0.01
7) Phenol-d6	6.88	99	3615594	151.97	ng		0.00
23) Nitrobenzene-d5	8.87	82	2346295	91.71	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1414759	144.31	ng		-0.01
45) 2-Fluorobiphenyl	12.96	172	4318659	84.29	ng		-0.02
79) Terphenyl-d14	19.73	244	6917457	85.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	236667	32.174	ng		98
3) Pyridine	3.64	79	710114	35.391	ng		98
4) n-Nitrosodimethylamine	3.56	42	246181	48.229	ng		89
6) Aniline	7.04	93	1200189	41.171	ng		98
8) 2-Chlorophenol	7.26	128	799597	43.122	ng		97
9) Benzaldehyde	6.86	77	406602	28.964	ng		98
10) Phenol	6.90	94	1164068	46.499	ng		98
11) bis(2-Chloroethyl)ether	7.14	93	769801	40.311	ng		99
12) 1,3-Dichlorobenzene	7.58	146	803699	38.547	ng		99
13) 1,4-Dichlorobenzene	7.73	146	823693	38.805	ng		100
14) 1,2-Dichlorobenzene	8.05	146	797749	39.126	ng		99
15) Benzyl Alcohol	7.95	79	804060	42.532	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	762819	41.272	ng		99
17) 2-Methylphenol	8.14	107	706968	44.370	ng		98
18) Hexachloroethane	8.76	117	303823	39.210	ng		96
19) n-Nitroso-di-n-propylamine	8.51	70	750235	40.726	ng		99
20) 3+4-Methylphenols	8.47	107	957095	43.501	ng		98
22) Acetophenone	8.53	105	1239318	38.147	ng	#	98
24) Nitrobenzene	8.91	77	1066079	40.142	ng		100
25) Isophorone	9.43	82	1855879	45.461	ng		100
26) 2-Nitrophenol	9.61	139	427862	40.455	ng		99
27) 2,4-Dimethylphenol	9.67	122	736051	47.650	ng		98
28) bis(2-Chloroethoxy)methane	9.91	93	1094574	41.463	ng		99
29) 2,4-Dichlorophenol	10.14	162	762180	42.971	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	786710	38.407	ng		95
31) Naphthalene	10.53	128	2444653	42.370	ng		99
32) Benzoic acid	9.80	122	257617	19.119	ng		94
33) 4-Chloroaniline	10.66	127	831030	32.221	ng		99
34) Hexachlorobutadiene	10.80	225	423652	35.632	ng		99
35) Caprolactam	11.48	113	249610m	34.483	ng		
36) 4-Chloro-3-methylphenol	11.78	107	894811	41.843	ng		99
37) 2-Methylnaphthalene	12.15	142	1814419	44.666	ng		100
38) 1-Methylnaphthalene	12.37	142	1719230	43.280	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	843375	38.765	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018897.D
Acq On : 21 Feb 2019 15:56
Operator : JU/SJ
Sample : K1538-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMS

Manual Integrations APPROVED
Sohil
2/22/2019 9:32:39 AM

Quant Time: Feb 22 03:32:43 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 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	899098	80.830 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	602904	41.861 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	643520	42.629 ng	99
46) 1,1'-Biphenyl	13.17	154	2286088	39.050 ng	100
47) 2-Chloronaphthalene	13.22	162	1791348	39.616 ng	100
48) 2-Nitroaniline	13.45	65	645370	42.974 ng	99
49) Acenaphthylene	14.07	152	2939053	43.652 ng	99
50) Dimethylphthalate	13.82	163	2543381	44.872 ng	99
51) 2,6-Dinitrotoluene	13.95	165	511888	41.691 ng	99
52) Acenaphthene	14.42	154	1690949	40.958 ng	99
53) 3-Nitroaniline	14.28	138	458433	33.045 ng	98
54) 2,4-Dinitrophenol	14.49	184	463781	61.003 ng	98
55) Dibenzofuran	14.75	168	2758514	40.651 ng	100
56) 4-Nitrophenol	14.59	139	854393	77.149 ng	98
57) 2,4-Dinitrotoluene	14.73	165	723888	42.790 ng	98
58) Fluorene	15.40	166	2258214	43.499 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	583721	43.746 ng	98
60) Diethylphthalate	15.18	149	2363342	40.421 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1104350	37.941 ng	99
62) 4-Nitroaniline	15.45	138	519713	38.212 ng	97
63) Azobenzene	15.69	77	2576919	41.105 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	365554	33.562 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1969725	40.188 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	658152	37.903 ng	98
68) Hexachlorobenzene	16.40	284	768036	38.053 ng	97
69) Atrazine	16.57	200	633716	40.106 ng	99
70) Pentachlorophenol	16.75	266	999368	76.900 ng	99
71) Phenanthrene	17.14	178	3552935	42.616 ng	99
72) Anthracene	17.23	178	3628293	44.713 ng	100
73) Carbazole	17.52	167	3319391	39.154 ng	100
74) Di-n-butylphthalate	18.07	149	4179732	42.868 ng	100
75) Fluoranthene	19.16	202	4154990	43.145 ng	98
77) Benzidine	19.37	184	2579034	68.519 ng	100
78) Pyrene	19.53	202	4295377	44.252 ng	100
80) Butylbenzylphthalate	20.43	149	2067432	46.736 ng	99
81) Benzo(a)anthracene	21.28	228	4147839	42.576 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1331773	34.589 ng	99
83) Chrysene	21.33	228	3859219	41.329 ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	3044376	47.021 ng	99
85) Di-n-octyl phthalate	22.09	149	5185302	47.651 ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3730649	34.604 ng	100
88) Benzo(b)fluoranthene	22.87	252	3860075	45.830 ng	100
89) Benzo(k)fluoranthene	22.92	252	3771878	44.982 ng	100
90) Benzo(a)pyrene	23.45	252	3529802	44.239 ng	98
91) Dibenzo(a,h)anthracene	25.84	278	3213939	40.656 ng	98
92) Benzo(g,h,i)perylene	26.53	276	2995466	40.702 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018897.D
Acq On : 21 Feb 2019 15:56
Operator : JU/SJ
Sample : K1538-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 03:32:43 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 11 16:02:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMS

Manual Integrations APPROVED
Sohil
2/22/2019 9:32:39 AM