Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM080416\
Data File : BM006858.D
Acq On : 04 Aug 2016 07:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
umangi
8/5/2016 7:00:09 PM

Quant Time: Aug 05 02:16:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 05:26:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	153460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	654455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	442127	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1114729	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1229421	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1044866	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	22783	8.16	ng/uL	0.00
5) Phenol-d5	6.80	99	227383	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	158993	21.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	188699	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	185926	20.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	93461	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	108132	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	221812	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	246781	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	742256	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	904177	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	139571	17.48	ng/ul	0.00
57) Fluorene-d10	15.22	176	666708	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	131250	18.04	ng/ul	0.00
70) Anthracene-d10	17.08	188	1082554	20.22	ng/ul	0.00
76) Pyrene-d10	19.39	212	1234489	19.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1017373	19.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	24086	7.76	ng/uL	94
4) Benzaldehyde	6.73	77	178794m	23.55	ng/ul	
6) Phenol	6.82	94	237172	19.82	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.01	93	172996	20.25	ng/ul	94
10) 2-Chlorophenol	7.15	128	197009	21.90	ng/ul	99
11) 2-Methylphenol	8.05	108	187352	20.22	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	406324	21.54	ng/ul	97
14) Acetophenone	8.40	105	340667	20.88	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.38	70	169251	20.96	ng/ul#	78
16) 4-Methylphenol	8.39	108	204936m	20.30	ng/ul	
17) Hexachloroethane	8.62	117	98761	21.08	ng/ul	85
20) Nitrobenzene	8.77	77	284413	20.15	ng/ul	94
21) Isophorone	9.30	82	459448	20.60	ng/ul	96
23) 2-Nitrophenol	9.48	139	115272	20.70	ng/ul	85
24) 2,4-Dimethylphenol	9.56	107	286380	20.78	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.77	93	233090	19.27	ng/ul	95
27) 2,4-Dichlorophenol	10.03	162	224575	21.43	ng/ul	87
28) Naphthalene	10.39	128	674314	20.74	ng/ul	97
30) 4-Chloroaniline	10.54	127	249561	21.73	ng/ul	96
31) Hexachlorobutadiene	10.66	225	191484	19.41	ng/ul	95
32) Caprolactam	11.38	113	58236m	19.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	249187	21.41	ng/ul#	96
34) 2-Methylnaphthalene	12.02	142	542493	20.70	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM080416\
Data File : BM006858.D
Acq On : 04 Aug 2016 07:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
umangi
8/5/2016 7:00:09 PM

Quant Time: Aug 05 02:16:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 05:26:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	343771	19.72 ng/ul	92
37) Hexachlorocyclopentadiene	12.36	237	159917	16.53 ng/ul#	90
38) 2,4,6-Trichlorophenol	12.66	196	212978	19.97 ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	223838	21.82 ng/ul	92
40) 1,1'-Biphenyl	13.05	154	734170	20.36 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	568844	20.11 ng/ul	98
42) 2-Nitroaniline	13.34	65	211411	20.42 ng/ul	87
44) Dimethylphthalate	13.70	163	737001	20.36 ng/ul#	99
45) 2,6-Dinitrotoluene	13.83	165	139860	19.88 ng/ul	97
47) Acenaphthylene	13.94	152	922102	20.46 ng/ul	95
48) 3-Nitroaniline	14.18	138	121344m	20.38 ng/ul	
49) Acenaphthene	14.29	153	601000	20.40 ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	70694	16.26 ng/ul	91
52) 4-Nitrophenol	14.54	109	175693	16.34 ng/ul	92
53) Dibenzofuran	14.63	168	923180	20.23 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	223565	20.02 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.87	232	215102	19.66 ng/ul	95
56) Diethylphthalate	15.06	149	754878	20.05 ng/ul	98
58) Fluorene	15.28	166	767747	20.00 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	419684	19.48 ng/ul	96
60) 4-Nitroaniline	15.36	138	128313	20.65 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.40	198	138927	18.47 ng/ul#	90
64) N-Nitrosodiphenylamine	15.50	169	651161	20.40 ng/ul	94
65) 4-Bromophenyl-phenylether	16.17	248	277429	20.29 ng/ul	94
66) Hexachlorobenzene	16.28	284	302271	20.36 ng/ul	96
67) Atrazine	16.46	200	265740	19.46 ng/ul	98
68) Pentachlorophenol	16.65	266	143267	17.46 ng/ul	91
69) Phenanthrene	17.02	178	1235414	20.09 ng/ul	100
71) Anthracene	17.12	178	1278478	20.14 ng/ul	97
72) Carbazole	17.40	167	1051253	19.44 ng/ul	98
73) Di-n-butylphthalate	17.95	149	1230427	21.00 ng/ul	100
74) Fluoranthene	19.05	202	1543603	19.59 ng/ul	99
77) Pyrene	19.42	202	1602488	19.82 ng/ul	100
78) Butylbenzylphthalate	20.32	149	575754	20.68 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.12	252	456532	20.25 ng/ul	97
80) Benzo(a)anthracene	21.17	228	1491545	19.92 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	777119	20.35 ng/ul	98
82) Chrysene	21.22	228	1332671	20.24 ng/ul	99
84) Di-n-octyl phthalate	21.96	149	1231245	19.18 ng/ul#	95
85) Benzo(b)fluoranthene	22.72	252	1347303	20.46 ng/ul	99
86) Benzo(k)fluoranthene	22.76	252	1281285m	19.94 ng/ul	
88) Benzo(a)pyrene	23.28	252	1265511	20.23 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.56	276	1478744	19.88 ng/ul	96
90) Dibenzo(a,h)anthracene	25.57	278	1252482	19.53 ng/ul	97
91) Benzo(g,h,i)perylene	26.24	276	1204887	20.02 ng/ul#	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM080416\
Data File : BM006858.D
Acq On : 04 Aug 2016 07:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 05 02:16:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 05:26:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
umangi
8/5/2016 7:00:09 PM