Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020369.D
Acq On : 17 May 2019 17:39
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:26 PM

Quant Time: May 18 04:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	88085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	341082	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	207823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	477866	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	447980	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	470450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18296	7.67	ng/uL	0.00
5) Phenol-d5	6.90	99	142194	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	92255	20.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	107745	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	102109	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	48367	21.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	50610	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	110708	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	121116	22.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	309931	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	396293	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	39751	18.31	ng/ul	0.00
57) Fluorene-d10	15.38	176	272390	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	47964	17.62	ng/ul	0.00
70) Anthracene-d10	17.23	188	414269	20.21	ng/ul	0.00
78) Pyrene-d10	19.53	212	461656	21.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	450178	21.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	19660	7.893	ng/uL	92
4) Benzaldehyde	6.89	77	112371	18.667	ng/ul	98
6) Phenol	6.93	94	146861	19.867	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	112372	20.115	ng/ul	98
10) 2-Chlorophenol	7.30	128	109598	20.838	ng/ul	98
11) 2-Methylphenol	8.17	108	99635	19.832	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	79476	20.921	ng/ul	99
14) Acetophenone	8.56	105	175124	20.045	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	101493	20.356	ng/ul	98
16) 4-Methylphenol	8.50	108	111847	20.551	ng/ul	94
17) Hexachloroethane	8.80	117	50957	20.516	ng/ul	90
20) Nitrobenzene	8.95	77	151749	20.996	ng/ul	97
21) Isophorone	9.46	82	266970	21.347	ng/ul	99
23) 2-Nitrophenol	9.65	139	55897	21.114	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	122804	20.227	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	143963	21.280	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	107554	21.360	ng/ul	99
28) Naphthalene	10.57	128	326867	20.858	ng/ul	99
30) 4-Chloroaniline	10.70	127	126247	23.093	ng/ul	98
31) Hexachlorobutadiene	10.84	225	91442	20.865	ng/ul	95
32) Caprolactam	11.49	113	26576m	18.494	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	108710	21.361	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	233534	20.582	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020369.D
Acq On : 17 May 2019 17:39
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:26 PM

Quant Time: May 18 04:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	157979	21.085 ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	69016	15.395 ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	92104	21.039 ng/ul	100
39) 2,4,5-Trichlorophenol	12.88	196	96764	22.372 ng/ul	98
40) 1,1'-Biphenyl	13.21	154	314194	21.118 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	253179	21.374 ng/ul	98
42) 2-Nitroaniline	13.47	65	63581	20.957 ng/ul	97
44) Dimethylphthalate	13.85	163	304895	20.613 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	55383	21.449 ng/ul	98
47) Acenaphthylene	14.10	152	367664	20.846 ng/ul	100
48) 3-Nitroaniline	14.31	138	45485	20.967 ng/ul	94
49) Acenaphthene	14.45	153	250415	20.653 ng/ul	97
50) 2,4-Dinitrophenol	14.52	184	24674	15.427 ng/ul	96
52) 4-Nitrophenol	14.62	109	40102	17.669 ng/ul	96
53) Dibenzofuran	14.79	168	380283	20.711 ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	83563	21.149 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	87315	20.059 ng/ul#	97
56) Diethylphthalate	15.21	149	294657	20.596 ng/ul	99
58) Fluorene	15.43	166	301968	20.529 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	180481	20.912 ng/ul	98
60) 4-Nitroaniline	15.47	138	41704	17.674 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	50302	17.761 ng/ul#	96
64) N-Nitrosodiphenylamine	15.65	169	254009	21.482 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	110373	21.169 ng/ul	100
66) Hexachlorobenzene	16.43	284	126645	20.727 ng/ul	99
67) Atrazine	16.60	200	96341	19.906 ng/ul	97
68) Pentachlorophenol	16.78	266	67528	18.992 ng/ul	97
69) Phenanthrene	17.18	178	468667	20.583 ng/ul	99
71) Anthracene	17.27	178	480044	20.726 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	161088	22.071 ng/uL	99
73) Pentachlorobenzene	14.70	250	154698	21.780 ng/uL	100
74) Carbazole	17.54	167	388219	19.747 ng/ul	99
75) Di-n-butylphthalate	18.10	149	452185	21.191 ng/ul	100
76) Fluoranthene	19.20	202	559956	19.469 ng/ul	99
79) Pyrene	19.56	202	575712	21.411 ng/ul	98
80) Butylbenzylphthalate	20.46	149	186196	22.086 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	173619	21.145 ng/ul	96
82) Benzo(a)anthracene	21.32	228	567633	21.052 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	271055	22.151 ng/ul	99
84) Chrysene	21.37	228	544994	21.151 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	458810	20.082 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	555905	20.704 ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	547248	20.750 ng/ul	100
90) Benzo(a)pyrene	23.51	252	536028	21.214 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	639286	22.204 ng/ul	99
92) Dibenzo(a,h)anthracene	25.92	278	547539	22.238 ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	513806	21.558 ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020369.D
Acq On : 17 May 2019 17:39
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 04:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:26 PM