Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103118\
Data File : VX005711.D
Acq On : 31 Oct 2018 16:14
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
MMDadoda
11/1/2018 9:49:30 AM

Quant Time: Oct 31 16:35:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 16:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	117858	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	183382	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	172945	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102155	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	241803	138.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 276.20%				
35) Dibromofluoromethane	5.50	113	185495	145.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 290.28%				
50) Toluene-d8	8.72	98	678288	152.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 305.78%				
62) 4-Bromofluorobenzene	11.14	95	277454	174.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 348.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	223082	166.931	ug/l		96
3) Chloromethane	1.32	50	240093	149.404	ug/l		99
4) Vinyl Chloride	1.41	62	238609	141.454	ug/l		98
5) Bromomethane	1.64	94	315914	152.861	ug/l		98
6) Chloroethane	1.70	64	228197	198.147	ug/l		94
7) Trichlorofluoromethane	1.91	101	312188	144.713	ug/l		96
8) Diethyl Ether	2.19	74	138648	142.653	ug/l		92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	184136	139.739	ug/l		91
10) Methyl Iodide	2.50	142	192178	169.649	ug/l		100
11) Tert butyl alcohol	3.10	59	360889	776.710	ug/l		99
12) 1,1-Dichloroethene	2.36	96	171957	132.888	ug/l		88
13) Acrolein	2.29	56	261042	879.342	ug/l		95
14) Allyl chloride	2.72	41	364669	136.911	ug/l		96
15) Acrylonitrile	3.15	53	748307	722.820	ug/l		99
16) Acetone	2.45	43	636628	631.589	ug/l		99
17) Carbon Disulfide	2.56	76	547508	138.580	ug/l		98
18) Methyl Acetate	2.78	43	337909	134.254	ug/l		98
19) Methyl tert-butyl Ether	3.20	73	644088	145.920	ug/l		97
20) Methylene Chloride	2.85	84	202124	133.540	ug/l		97
21) trans-1,2-Dichloroethene	3.15	96	189261	139.215	ug/l		98
22) Diisopropyl ether	3.88	45	729799	149.861	ug/l	#	93
23) Vinyl Acetate	3.83	43	3193346	753.564	ug/l		97
24) 1,1-Dichloroethane	3.69	63	373826	133.250	ug/l		98
25) 2-Butanone	4.71	43	1045948	713.799	ug/l		98
26) 2,2-Dichloropropane	4.57	77	281423	134.362	ug/l		99
27) cis-1,2-Dichloroethene	4.59	96	213035	139.499	ug/l		96
28) Bromochloromethane	5.01	49	182211	133.106	ug/l		91
29) Tetrahydrofuran	5.16	42	674180	761.921	ug/l		95
30) Chloroform	5.21	83	377072	138.252	ug/l		98
31) Cyclohexane	5.57	56	350491	152.687	ug/l		90
32) 1,1,1-Trichloroethane	5.49	97	313735	144.788	ug/l		97
36) 1,1-Dichloropropene	5.79	75	287731	146.733	ug/l		97
37) Ethyl Acetate	4.87	43	378306	152.130	ug/l		99
38) Carbon Tetrachloride	5.78	117	263945	149.434	ug/l		90

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103118\
Data File : VX005711.D
Acq On : 31 Oct 2018 16:14
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 31 16:35:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 16:07:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
11/1/2018 9:49:30 AM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	322568	160.077 ug/l		96
40) Benzene	6.15	78	856415	146.818 ug/l		94
41) Methacrylonitrile	5.07	41	207488	154.895 ug/l		97
42) 1,2-Dichloroethane	6.20	62	307584	141.870 ug/l		99
43) Isopropyl Acetate	6.47	43	591151	166.371 ug/l		98
44) Trichloroethene	7.21	130	194989	144.094 ug/l		93
45) 1,2-Dichloropropane	7.52	63	219405	146.767 ug/l		100
46) Dibromomethane	7.66	93	140013	146.511 ug/l	#	86
47) Bromodichloromethane	7.90	83	274330	154.383 ug/l		98
48) Methyl methacrylate	7.78	41	292103	170.645 ug/l		98
49) 1,4-Dioxane	7.76	88	126218	3289.074 ug/l		99
51) 4-Methyl-2-Pentanone	8.66	43	2153677	902.655 ug/l		99
52) Toluene	8.79	92	481541	153.813 ug/l		99
53) t-1,3-Dichloropropene	9.04	75	327014	173.381 ug/l		98
54) cis-1,3-Dichloropropene	8.44	75	338333	166.112 ug/l		99
55) 1,1,2-Trichloroethane	9.22	97	204358	149.607 ug/l		98
56) Ethyl methacrylate	9.18	69	368106	185.502 ug/l		97
57) 1,3-Dichloropropane	9.37	76	354873	151.571 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.32	63	1039075	926.248 ug/l		93
59) 2-Hexanone	9.50	43	1729549	887.930 ug/l		96
60) Dibromochloromethane	9.59	129	212562	163.532 ug/l		99
61) 1,2-Dibromoethane	9.68	107	212021	152.879 ug/l		99
64) Tetrachloroethene	9.34	164	171112	132.844 ug/l		96
65) Chlorobenzene	10.14	112	535142	144.767 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.23	131	191102	152.283 ug/l		97
67) Ethyl Benzene	10.26	91	973913	156.377 ug/l		99
68) m/p-Xylenes	10.36	106	737921	320.165 ug/l		96
69) o-Xylene	10.70	106	359927	163.976 ug/l		96
70) Styrene	10.71	104	629251	174.610 ug/l		98
71) Bromoform	10.86	173	180726	183.989 ug/l		99
73) Isopropylbenzene	11.02	105	971381	143.013 ug/l		99
74) N-amyl acetate	10.90	43	595993	169.743 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	414691	147.979 ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	360348m	140.067 ug/l		
77) Bromobenzene	11.26	156	238619	141.356 ug/l		87
78) n-propylbenzene	11.36	91	1210477	147.180 ug/l		96
79) 2-Chlorotoluene	11.42	91	710207	144.082 ug/l		96
80) 1,3,5-Trimethylbenzene	11.51	105	883907	155.387 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.08	75	132299	172.135 ug/l		93
82) 4-Chlorotoluene	11.51	91	875958	149.805 ug/l		96
83) tert-Butylbenzene	11.77	119	851464	157.190 ug/l		97
84) 1,2,4-Trimethylbenzene	11.81	105	898586	156.654 ug/l		98
85) sec-Butylbenzene	11.95	105	1054019	150.587 ug/l		97
86) p-Isopropyltoluene	12.07	119	923889	156.161 ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	468091	143.805 ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	478499	135.579 ug/l		98
89) n-Butylbenzene	12.39	91	961670	162.175 ug/l		98
90) Hexachloroethane	12.60	117	168777	161.795 ug/l		81
91) 1,2-Dichlorobenzene	12.40	146	493400	145.341 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101919	156.541 ug/l		86

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
Data File : VX005711.D
Acq On : 31 Oct 2018 16:14
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
11/1/2018 9:49:30 AM

Quant Time: Oct 31 16:35:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 16:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338082	157.360	ug/l	99
94) Hexachlorobutadiene	13.79	225	149087	140.826	ug/l	100
95) Naphthalene	13.83	128	1174441	168.204	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	336612	153.190	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103118\
Data File : VX005711.D
Acq On : 31 Oct 2018 16:14
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 31 16:35:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 16:07:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
11/1/2018 9:49:30 AM