Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030000.D
Acq On : 12 Mar 2019 10:27
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:24 PM

Quant Time: Mar 13 04:15:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	59392	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20526	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24836	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21369	0.981	ug/l	99
3) Chloromethane	1.33	50	25290	1.023	ug/l	98
4) Vinyl Chloride	1.40	62	21747	1.027	ug/l	97
5) Bromomethane	1.63	94	13801	1.140	ug/l	100
6) Chloroethane	1.70	64	13554	1.108	ug/l	96
7) Trichlorofluoromethane	1.89	101	27594	1.004	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14969	1.002	ug/l	99
9) 1,1-Dichloroethene	2.28	96	15028	1.014	ug/l	94
10) Iodomethane	2.41	142	11772	0.917	ug/l	100
11) Allyl Chloride	2.59	41	20650	0.985	ug/l	94
12) Acrylonitrile	2.93	53	6846	2.133	ug/l	95
13) Acetone	2.32	43	14495	5.188	ug/l	99
14) Carbon Disulfide	2.48	76	52765	1.022	ug/l	99
15) Methylene Chloride	2.70	84	18485	1.048	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	17767	1.038	ug/l	98
17) 1,1-Dichloroethane	3.44	63	29801	1.030	ug/l	99
18) 2-Butanone	4.27	43	17744	4.587	ug/l	97
19) Cyclohexane	4.98	56	23787m	0.963	ug/l	
20) Methylcyclohexane	6.41	83	24977	0.913	ug/l	96
21) 2,2-Dichloropropane	4.22	77	25533	1.050	ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	19605	1.031	ug/l	97
23) Diethyl Ether	2.10	59	10826	0.978	ug/l	93
24) tert-Butyl Alcohol	2.83	59	12202	10.298	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	38439	1.027	ug/l	99
26) Bromochloromethane	4.55	128	8484	1.019	ug/l	97
27) Chloroform	4.67	83	31832	1.046	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	25372	1.013	ug/l	99
29) 1,1-Dichloropropene	5.13	75	23288	1.021	ug/l	96
30) Carbon Tetrachloride	5.13	117	22467	1.004	ug/l	96
31) Isopropyl Ether	3.58	45	40793	1.002	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	39121	0.997	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	35644	0.993	ug/l	98
34) Propionitrile	4.34	54	5723	5.215	ug/l #	92
35) Benzene	5.39	78	67474	1.011	ug/l	100
36) 1,2-Dichloroethane	5.40	62	18787	1.053	ug/l	97
37) Trichloroethene	6.18	130	19193	0.999	ug/l	97
38) 1,2-Dichloropropane	6.43	63	17791	1.049	ug/l	99
39) Methacrylonitrile	4.55	41	4700	0.999	ug/l #	88
40) Methyl acrylate	4.43	55	6665	0.897	ug/l #	93
41) Tetrahydrofuran	4.65	42	5775	2.220	ug/l	94
42) 1-Chlorobutane	5.06	56	29904	1.001	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030000.D
Acq On : 12 Mar 2019 10:27
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:24 PM

Quant Time: Mar 13 04:15:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	9165	1.045 ug/l	97
44) Bromodichloromethane	6.76	83	21282	1.017 ug/l	95
45) 4-Methyl-2-Pentanone	7.46	43	41505	4.788 ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	5739m	1.703 ug/l	
47) Methyl methacrylate	6.63	69	14008	1.906 ug/l	95
48) Ethyl methacrylate	8.02	69	12708	0.917 ug/l	98
49) Toluene	7.63	92	38440	0.956 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	17897	0.955 ug/l	94
51) cis-1,3-Dichloropropene	7.27	75	22492	0.955 ug/l	97
52) 1,1,2-Trichloroethane	8.06	97	13131	1.059 ug/l	97
53) 1,3-Dichloropropane	8.24	76	21066	1.016 ug/l	99
54) 2-Hexanone	8.37	43	29160	4.669 ug/l	99
55) Dibromochloromethane	8.47	129	14859	0.996 ug/l	96
56) 1,2-Dibromoethane	8.59	107	11940	1.000 ug/l	99
58) Tetrachloroethene	8.22	164	17130	0.982 ug/l	97
59) Chlorobenzene	9.12	112	45176	0.984 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	15900	0.980 ug/l	97
61) Pentachloroethane	11.10	117	13013	1.039 ug/l	90
62) Hexachloroethane	12.14	117	12188	0.966 ug/l	98
63) Ethyl Benzene	9.25	91	72116	0.956 ug/l	99
64) m/p-Xylenes	9.37	106	55939	1.885 ug/l	99
65) o-Xylene	9.78	106	28444	0.977 ug/l	96
66) Styrene	9.79	104	44823	0.940 ug/l	100
67) Bromoform	9.96	173	7974	0.935 ug/l	99
69) Isopropylbenzene	10.16	105	71638	0.944 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	15333	1.003 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	11448m	1.009 ug/l	
72) Bromobenzene	10.45	156	19191	0.964 ug/l	98
73) n-propylbenzene	10.58	120	19509	0.906 ug/l	97
74) 2-Chlorotoluene	10.66	126	18256	0.968 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	59332	0.918 ug/l	98
76) 4-Chlorotoluene	10.77	126	18393	0.956 ug/l	96
77) tert-Butylbenzene	11.10	119	59516	0.940 ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	60716	0.923 ug/l	99
79) sec-Butylbenzene	11.32	105	80350	0.948 ug/l	98
81) p-Isopropyltoluene	11.47	119	65598	0.922 ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	40493	1.007 ug/l	98
83) 1,4-Dichlorobenzene	11.50	146	40208	0.995 ug/l	98
84) n-Butylbenzene	11.89	91	60280	0.907 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	37703	1.008 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2029	0.921 ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	25680	0.951 ug/l	98
88) Hexachlorobutadiene	13.69	225	14003	0.957 ug/l	98
89) Naphthalene	13.74	128	35934	0.849 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	23499	0.961 ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030000.D
Acq On : 12 Mar 2019 10:27
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 04:15:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:24 PM