Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029342.D
Acq On : 05 Feb 2019 12:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
sam
2/8/2019 2:26:20 PM

Quant Time: Feb 08 10:39:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	56678	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22690	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	22537	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	104287	4.930	ug/l		98
3) Chloromethane	1.33	50	92103	4.765	ug/l		99
4) Vinyl Chloride	1.40	62	111322	4.913	ug/l		100
5) Bromomethane	1.63	94	56199	4.459	ug/l		95
6) Chloroethane	1.70	64	65127	4.920	ug/l		98
7) Trichlorofluoromethane	1.88	101	157202	4.968	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	80797	4.836	ug/l		90
9) 1,1-Dichloroethene	2.28	96	79930	4.888	ug/l		77
10) Iodomethane	2.41	142	113779	5.424	ug/l	#	79
11) Allyl Chloride	2.59	41	135715	4.950	ug/l		90
12) Acrylonitrile	2.94	53	34948	9.537	ug/l		96
13) Acetone	2.32	43	86663	24.656	ug/l	#	84
14) Carbon Disulfide	2.48	76	284607	4.930	ug/l		100
15) Methylene Chloride	2.70	84	89506	4.515	ug/l	#	81
16) trans-1,2-Dichloroethene	2.98	96	86942	4.760	ug/l		85
17) 1,1-Dichloroethane	3.44	63	159015	5.488	ug/l		97
18) 2-Butanone	4.28	43	103229	26.151	ug/l		99
19) Cyclohexane	4.99	56	125775m	4.924	ug/l		
20) Methylcyclohexane	6.41	83	139153	4.932	ug/l		88
21) 2,2-Dichloropropane	4.22	77	130762	4.876	ug/l		94
22) cis-1,2-Dichloroethene	4.22	96	85921	4.988	ug/l		83
23) Diethyl Ether	2.10	59	63968	4.872	ug/l		91
24) tert-Butyl Alcohol	2.83	59	64628	47.365	ug/l		97
25) Methyl tert-Butyl Ether	3.00	73	229048	4.975	ug/l	#	88
26) Bromochloromethane	4.54	128	38218	5.023	ug/l		78
27) Chloroform	4.67	83	140717	4.994	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	128217	4.909	ug/l		97
29) 1,1-Dichloropropene	5.13	75	110543	4.876	ug/l		94
30) Carbon Tetrachloride	5.13	117	119270	5.044	ug/l		99
31) Isopropyl Ether	3.58	45	219502	5.021	ug/l		90
32) Ethyl-t-butyl ether	4.07	59	218953	4.998	ug/l		93
33) Tert-Amyl methyl ether	5.58	73	199721	5.041	ug/l		98
34) Propionitrile	4.33	54	25759	25.875	ug/l		96
35) Benzene	5.39	78	311751	4.972	ug/l		98
36) 1,2-Dichloroethane	5.41	62	94741	4.996	ug/l	#	89
37) Trichloroethene	6.18	130	88501	4.919	ug/l		88
38) 1,2-Dichloropropane	6.43	63	80097	4.911	ug/l		99
39) Methacrylonitrile	4.55	41	25043	4.713	ug/l	#	90
40) Methyl acrylate	4.43	55	39201	4.887	ug/l	#	92
41) Tetrahydrofuran	4.65	42	26652	9.597	ug/l	#	87
42) 1-Chlorobutane	5.06	56	148516	4.889	ug/l		91

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029342.D
Acq On : 05 Feb 2019 12:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
sam
2/8/2019 2:26:20 PM

Quant Time: Feb 08 10:39:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	41888	4.819	ug/l		94
44) Bromodichloromethane	6.76	83	111009	5.012	ug/l		95
45) 4-Methyl-2-Pentanone	7.46	43	259088	25.429	ug/l	#	92
46) t-1,4-Dichloro-2-butene	10.52	75	49206m	9.950	ug/l		
47) Methyl methacrylate	6.62	69	79820	10.438	ug/l	#	79
48) Ethyl methacrylate	8.02	69	83495	5.089	ug/l		84
49) Toluene	7.63	92	200051	4.986	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	110086	5.071	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	129421	5.018	ug/l		91
52) 1,1,2-Trichloroethane	8.06	97	57929	5.034	ug/l		96
53) 1,3-Dichloropropane	8.24	76	100923	4.993	ug/l		100
54) 2-Hexanone	8.36	43	183493	25.692	ug/l		91
55) Dibromochloromethane	8.47	129	80224	4.905	ug/l		99
56) 1,2-Dibromoethane	8.59	107	57779	4.894	ug/l		99
58) Tetrachloroethene	8.22	164	83861	5.009	ug/l		94
59) Chlorobenzene	9.12	112	226342	5.008	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	82662	4.950	ug/l		97
61) Pentachloroethane	11.10	117	63731	4.924	ug/l		88
62) Hexachloroethane	12.14	117	71495	5.061	ug/l		97
63) Ethyl Benzene	9.25	91	391147	4.983	ug/l		96
64) m/p-Xylenes	9.37	106	303631	9.954	ug/l		91
65) o-Xylene	9.78	106	147778	4.936	ug/l		92
66) Styrene	9.79	104	249222	4.993	ug/l		95
67) Bromoform	9.96	173	50259	4.940	ug/l		99
69) Isopropylbenzene	10.16	105	402583	5.033	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	72778	4.935	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	52422m	5.080	ug/l		
72) Bromobenzene	10.45	156	97606	5.034	ug/l		87
73) n-propylbenzene	10.58	120	112545	5.051	ug/l		83
74) 2-Chlorotoluene	10.66	126	93905	4.950	ug/l		85
75) 1,3,5-Trimethylbenzene	10.77	105	341553	4.953	ug/l		96
76) 4-Chlorotoluene	10.77	126	96729	4.912	ug/l		85
77) tert-Butylbenzene	11.10	119	338889	4.971	ug/l		94
78) 1,2,4-Trimethylbenzene	11.14	105	343287	4.917	ug/l		94
79) sec-Butylbenzene	11.32	105	447013	5.012	ug/l		97
80) Nitrobenzene	12.86	77	16127	24.762	ug/l		91
81) p-Isopropyltoluene	11.47	119	372808	4.931	ug/l		95
82) 1,3-Dichlorobenzene	11.41	146	191094	5.023	ug/l		97
83) 1,4-Dichlorobenzene	11.50	146	187093	4.938	ug/l		97
84) n-Butylbenzene	11.89	91	344055	4.959	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	178232	4.955	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	14067	5.111	ug/l	#	78
87) 1,2,4-Trichlorobenzene	13.50	180	129009	5.107	ug/l		99
88) Hexachlorobutadiene	13.69	225	73246	5.006	ug/l		99
89) Naphthalene	13.74	128	227383	5.307	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	115817	5.016	ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029342.D
Acq On : 05 Feb 2019 12:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 10:39:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
sam
2/8/2019 2:26:20 PM