Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036525.D
Acq On : 22 Jan 2020 14:51
Operator : JC/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
apatel
1/23/2020 3:21:25 PM

Quant Time: Jan 22 22:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	36417	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	13604	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	14101	1.11	ug/l		0.00
Spiked Amount 1.000			Recovery = 111.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	12197	1.171	ug/l		97
3) Chloromethane	1.54	50	12937	0.960	ug/l		98
4) Vinyl Chloride	1.62	62	14581	0.942	ug/l		99
5) Bromomethane	1.88	94	9879	1.202	ug/l		99
6) Chloroethane	1.95	64	8705	0.963	ug/l		96
7) Trichlorofluoromethane	2.16	101	14359	0.799	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9471	1.006	ug/l		96
9) 1,1-Dichloroethene	2.61	96	9650	1.005	ug/l		98
10) Iodomethane	2.75	142	8151	0.709	ug/l		97
11) Allyl Chloride	2.96	41	13122	0.697	ug/l		96
12) Acrylonitrile	3.37	53	4731	1.757	ug/l	#	88
13) Acetone	2.68	43	10213	3.163	ug/l		98
14) Carbon Disulfide	2.82	76	34109	0.952	ug/l		99
15) Methylene Chloride	3.08	84	13515	1.069	ug/l		98
16) trans-1,2-Dichloroethene	3.39	96	10854	1.011	ug/l		94
17) 1,1-Dichloroethane	3.91	63	16718	0.871	ug/l		99
18) 2-Butanone	4.79	43	13158	3.784	ug/l		94
19) Cyclohexane	5.42	56	15723m	0.843	ug/l		
20) Methylcyclohexane	6.79	83	17677	0.956	ug/l		99
21) 2,2-Dichloropropane	4.71	77	14843	0.856	ug/l		100
22) cis-1,2-Dichloroethene	4.72	96	11087	1.019	ug/l		99
23) Diethyl Ether	2.41	59	7374	0.881	ug/l		99
24) tert-Butyl Alcohol	3.29	59	7033	8.122	ug/l	#	84
25) Methyl tert-Butyl Ether	3.42	73	24358	0.829	ug/l		97
26) Bromochloromethane	5.02	128	4680	1.074	ug/l		98
27) Chloroform	5.13	83	17106	0.896	ug/l		94
28) 1,1,1-Trichloroethane	5.36	97	13864	0.820	ug/l		94
29) 1,1-Dichloropropene	5.56	75	13767	0.891	ug/l		97
30) Carbon Tetrachloride	5.56	117	12010	0.844	ug/l		93
31) Isopropyl Ether	4.06	45	26002	0.805	ug/l		99
32) Ethyl-t-butyl ether	4.56	59	26971	0.854	ug/l		98
33) Tert-Amyl methyl ether	5.99	73	24894	0.867	ug/l		98
34) Propionitrile	4.86	54	3545	4.086	ug/l	#	84
35) Benzene	5.82	78	40114	0.928	ug/l		99
36) 1,2-Dichloroethane	5.84	62	10970	0.793	ug/l		100
37) Trichloroethene	6.58	130	11011	1.050	ug/l		96
38) 1,2-Dichloropropane	6.83	63	10207	0.900	ug/l		95
39) Methacrylonitrile	5.03	41	2901	0.706	ug/l		92
40) Methyl acrylate	4.91	55	4062	0.666	ug/l	#	95
41) Tetrahydrofuran	5.13	42	3116	1.462	ug/l	#	82
42) 1-Chlorobutane	5.50	56	18411	0.823	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036525.D
Acq On : 22 Jan 2020 14:51
Operator : JC/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
apatel
1/23/2020 3:21:25 PM

Quant Time: Jan 22 22:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.96	93	5173	0.888 ug/l		98
44) Bromodichloromethane	7.14	83	12253	0.817 ug/l		98
45) 4-Methyl-2-Pentanone	7.84	43	29274	3.632 ug/l		99
46) t-1,4-Dichloro-2-butene	10.86	75	4151m	1.269 ug/l		
47) Methyl methacrylate	7.01	69	10152	1.827 ug/l		99
48) Ethyl methacrylate	8.37	69	9629	0.877 ug/l		99
49) Toluene	8.00	92	25913	0.967 ug/l		100
50) t-1,3-Dichloropropene	8.24	75	11758	0.799 ug/l		98
51) cis-1,3-Dichloropropene	7.64	75	14686	0.863 ug/l		98
52) 1,1,2-Trichloroethane	8.43	97	7544	0.976 ug/l		98
53) 1,3-Dichloropropane	8.61	76	12876	0.893 ug/l		100
54) 2-Hexanone	8.73	43	20933	3.773 ug/l		96
55) Dibromochloromethane	8.84	129	8598	0.950 ug/l		95
56) 1,2-Dibromoethane	8.96	107	7042	0.927 ug/l		98
58) Tetrachloroethene	8.58	164	11817	1.363 ug/l		99
59) Chlorobenzene	9.47	112	28733	1.016 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	9115	0.952 ug/l		99
61) Pentachloroethane	11.45	117	5614	0.712 ug/l		98
62) Hexachloroethane	12.49	117	6972	0.843 ug/l		98
63) Ethyl Benzene	9.60	91	47224	0.918 ug/l		98
64) m/p-Xylenes	9.72	106	38529	2.026 ug/l		99
65) o-Xylene	10.12	106	18821	1.014 ug/l		99
66) Styrene	10.14	104	31296	1.021 ug/l		98
67) Bromoform	10.32	173	4895	1.092 ug/l	#	96
69) Isopropylbenzene	10.51	105	49761	0.997 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	9172	0.881 ug/l		98
71) 1,2,3-Trichloropropane	10.85	75	6957m	0.876 ug/l		
72) Bromobenzene	10.81	156	11910	1.127 ug/l		98
73) n-propylbenzene	10.93	120	13573	1.014 ug/l		96
74) 2-Chlorotoluene	11.01	126	11920	1.039 ug/l		98
75) 1,3,5-Trimethylbenzene	11.11	105	42224	0.997 ug/l		97
76) 4-Chlorotoluene	11.12	126	12018	1.017 ug/l		93
77) tert-Butylbenzene	11.44	119	39220	0.967 ug/l		99
78) 1,2,4-Trimethylbenzene	11.49	105	43160	0.984 ug/l		99
79) sec-Butylbenzene	11.66	105	55715	0.989 ug/l		99
80) Nitrobenzene	13.23	77	430	2.355 ug/l	#	64
81) p-Isopropyltoluene	11.81	119	46473	1.035 ug/l		99
82) 1,3-Dichlorobenzene	11.77	146	23555	1.064 ug/l		100
83) 1,4-Dichlorobenzene	11.86	146	23171	1.057 ug/l		98
84) n-Butylbenzene	12.23	91	42212	0.893 ug/l		99
85) 1,2-Dichlorobenzene	12.23	146	22705	1.084 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.01	75	1569	0.829 ug/l	#	88
87) 1,2,4-Trichlorobenzene	13.86	180	13102	0.985 ug/l		99
88) Hexachlorobutadiene	14.04	225	8192	1.312 ug/l		98
89) Naphthalene	14.10	128	20992	0.796 ug/l		100
90) 1,2,3-Trichlorobenzene	14.35	180	12426	1.017 ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036525.D
Acq On : 22 Jan 2020 14:51
Operator : JC/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 22:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
apatel
1/23/2020 3:21:25 PM