Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050520\
Data File : VU038013.D
Acq On : 05 May 2020 13:14
Operator : JC/MD
Sample : VU0505WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBS01

Manual Integrations APPROVED
apatel
5/6/2020 10:39:30 AM

Quant Time: May 06 01:13:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.14	96	84137	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	31581	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	30638	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	59593	2.087	ug/l	99
3) Chloromethane	1.54	50	67096	1.984	ug/l	99
4) Vinyl Chloride	1.62	62	68764	2.042	ug/l	99
5) Bromomethane	1.87	94	36850	1.824	ug/l	100
6) Chloroethane	1.95	64	40437	2.010	ug/l	99
7) Trichlorofluoromethane	2.16	101	72208	2.057	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45055	2.058	ug/l	97
9) 1,1-Dichloroethene	2.60	96	44878	2.042	ug/l	94
10) Iodomethane	2.75	142	25765	2.114	ug/l	98
11) Allyl Chloride	2.95	41	81232	1.993	ug/l	96
12) Acrylonitrile	3.35	53	23636	3.935	ug/l	96
13) Acetone	2.66	43	48236	10.038	ug/l	100
14) Carbon Disulfide	2.82	76	157894	1.968	ug/l	100
15) Methylene Chloride	3.08	84	68867	2.424	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	49355	2.052	ug/l	99
17) 1,1-Dichloroethane	3.91	63	94218	2.066	ug/l	99
18) 2-Butanone	4.76	43	72415	10.051	ug/l	99
19) Cyclohexane	5.42	56	87338m	1.975	ug/l	
20) Methylcyclohexane	6.79	83	85513	1.972	ug/l	99
21) 2,2-Dichloropropane	4.70	77	74328	1.950	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	51510	2.026	ug/l	98
23) Diethyl Ether	2.40	59	40921	2.123	ug/l	97
24) tert-Butyl Alcohol	3.23	59	39923	18.666	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	120785	2.006	ug/l	95
26) Bromochloromethane	5.01	128	20419	1.996	ug/l	97
27) Chloroform	5.13	83	86198	2.015	ug/l	97
28) 1,1,1-Trichloroethane	5.35	97	70565	2.002	ug/l	98
29) 1,1-Dichloropropene	5.56	75	71829	2.025	ug/l	98
30) Carbon Tetrachloride	5.56	117	58218	1.974	ug/l	96
31) Isopropyl Ether	4.04	45	148297	1.976	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	130079	1.919	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	110093	1.885	ug/l	98
34) Propionitrile	4.82	54	20078	9.734	ug/l	96
35) Benzene	5.81	78	203706	2.052	ug/l	100
36) 1,2-Dichloroethane	5.83	62	60766	2.069	ug/l	99
37) Trichloroethene	6.57	130	52662	2.021	ug/l	98
38) 1,2-Dichloropropane	6.82	63	54365	2.035	ug/l	97
39) Methacrylonitrile	5.02	41	18795	1.945	ug/l	98
40) Methyl acrylate	4.89	55	27146	1.907	ug/l #	96
41) Tetrahydrofuran	5.11	42	19121	3.967	ug/l	98
42) 1-Chlorobutane	5.49	56	103538	2.026	ug/l	99

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Quant Time: May 06 01:13:55 2020
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.95	93	24366	1.958	ug/l		96
44) Bromodichloromethane	7.13	83	63540	2.033	ug/l		97
45) 4-Methyl-2-Pentanone	7.82	43	158888	9.369	ug/l		98
46) t-1,4-Dichloro-2-butene	10.85	75	19968m	3.808	ug/l		
47) Methyl methacrylate	6.99	69	46772	3.696	ug/l		99
48) Ethyl methacrylate	8.36	69	41610	1.776	ug/l		96
49) Toluene	7.99	92	125796	2.004	ug/l		98
50) t-1,3-Dichloropropene	8.23	75	57780	1.809	ug/l		94
51) cis-1,3-Dichloropropene	7.63	75	73494	1.917	ug/l		99
52) 1,1,2-Trichloroethane	8.43	97	36040	2.045	ug/l		98
53) 1,3-Dichloropropane	8.60	76	68079	2.058	ug/l		97
54) 2-Hexanone	8.71	43	108279	9.045	ug/l		99
55) Dibromochloromethane	8.83	129	36585	1.874	ug/l		99
56) 1,2-Dibromoethane	8.95	107	31540	1.897	ug/l		98
58) Tetrachloroethene	8.57	164	51618	2.122	ug/l		96
59) Chlorobenzene	9.47	112	132470	1.988	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.55	131	37822	1.869	ug/l		99
61) Pentachloroethane	11.44	117	28262	1.865	ug/l		95
62) Hexachloroethane	12.49	117	27151	1.721	ug/l		98
63) Ethyl Benzene	9.59	91	233051	1.966	ug/l		99
64) m/p-Xylenes	9.71	106	182479	3.999	ug/l		100
65) o-Xylene	10.12	106	86237	1.939	ug/l		98
66) Styrene	10.13	104	144817	1.976	ug/l		100
67) Bromoform	10.31	173	18356	1.787	ug/l	#	97
69) Isopropylbenzene	10.50	105	227476	1.959	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.80	83	43689	1.935	ug/l		97
71) 1,2,3-Trichloropropane	10.84	75	30198m	1.808	ug/l		
72) Bromobenzene	10.80	156	49365	1.903	ug/l		94
73) n-propylbenzene	10.92	120	63107	1.980	ug/l		98
74) 2-Chlorotoluene	11.00	126	53045	1.983	ug/l		98
75) 1,3,5-Trimethylbenzene	11.10	105	190193	1.978	ug/l		99
76) 4-Chlorotoluene	11.11	126	55545	1.999	ug/l		97
77) tert-Butylbenzene	11.44	119	179400	1.961	ug/l		99
78) 1,2,4-Trimethylbenzene	11.48	105	195277	1.973	ug/l		97
79) sec-Butylbenzene	11.66	105	258604	1.973	ug/l		99
80) Nitrobenzene	13.23	77	5035	7.521	ug/l		92
81) p-Isopropyltoluene	11.81	119	207438	1.961	ug/l		99
82) 1,3-Dichlorobenzene	11.76	146	106579	1.984	ug/l		100
83) 1,4-Dichlorobenzene	11.85	146	105962	1.949	ug/l		98
84) n-Butylbenzene	12.22	91	207152	1.961	ug/l		99
85) 1,2-Dichlorobenzene	12.23	146	100932	2.019	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6576	1.850	ug/l		98
87) 1,2,4-Trichlorobenzene	13.87	180	66540	1.820	ug/l		99
88) Hexachlorobutadiene	14.05	225	30167	1.846	ug/l		97
89) Naphthalene	14.12	128	125166	1.781	ug/l		100
90) 1,2,3-Trichlorobenzene	14.36	180	60329	1.852	ug/l		99

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

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