Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050420\
Data File : VU038005.D
Acq On : 04 May 2020 17:16
Operator : JC/MD
Sample : VU0504WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Manual Integrations APPROVED
apatel
5/5/2020 11:16:03 AM

Quant Time: May 05 02:39:05 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	88761	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	32809	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	32282	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	56368	1.871	ug/l	99
3) Chloromethane	1.54	50	63063	1.768	ug/l	97
4) Vinyl Chloride	1.62	62	66743	1.878	ug/l	99
5) Bromomethane	1.87	94	34614	1.624	ug/l	96
6) Chloroethane	1.95	64	38901	1.833	ug/l	97
7) Trichlorofluoromethane	2.16	101	70157	1.894	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42534	1.842	ug/l	98
9) 1,1-Dichloroethene	2.60	96	44374	1.914	ug/l	96
10) Iodomethane	2.75	142	20663	1.851	ug/l	99
11) Allyl Chloride	2.95	41	78939	1.835	ug/l	97
12) Acrylonitrile	3.35	53	23496	3.707	ug/l	96
13) Acetone	2.66	43	41214	8.130	ug/l	100
14) Carbon Disulfide	2.82	76	152767	1.805	ug/l	100
15) Methylene Chloride	3.07	84	58619	1.887	ug/l	96
16) trans-1,2-Dichloroethene	3.38	96	48768	1.922	ug/l	99
17) 1,1-Dichloroethane	3.91	63	90814	1.887	ug/l	98
18) 2-Butanone	4.76	43	64719	8.515	ug/l	99
19) Cyclohexane	5.42	56	85733m	1.838	ug/l	
20) Methylcyclohexane	6.79	83	82734	1.809	ug/l	99
21) 2,2-Dichloropropane	4.70	77	67877	1.688	ug/l	100
22) cis-1,2-Dichloroethene	4.70	96	50659	1.889	ug/l	98
23) Diethyl Ether	2.40	59	38154	1.877	ug/l	98
24) tert-Butyl Alcohol	3.23	59	40607	17.997	ug/l	97
25) Methyl tert-Butyl Ether	3.40	73	119339	1.879	ug/l	99
26) Bromochloromethane	5.01	128	19592	1.815	ug/l	95
27) Chloroform	5.12	83	84181	1.866	ug/l	93
28) 1,1,1-Trichloroethane	5.35	97	68224	1.835	ug/l	98
29) 1,1-Dichloropropene	5.56	75	68930	1.842	ug/l	98
30) Carbon Tetrachloride	5.56	117	57861	1.860	ug/l	96
31) Isopropyl Ether	4.04	45	143957	1.818	ug/l	98
32) Ethyl-t-butyl ether	4.55	59	127121	1.778	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	108617	1.763	ug/l	99
34) Propionitrile	4.83	54	19806	9.101	ug/l #	98
35) Benzene	5.81	78	195007	1.862	ug/l	100
36) 1,2-Dichloroethane	5.83	62	57325	1.850	ug/l	99
37) Trichloroethene	6.57	130	51424	1.870	ug/l	98
38) 1,2-Dichloropropane	6.82	63	51751	1.836	ug/l	99
39) Methacrylonitrile	5.02	41	18211	1.787	ug/l	96
40) Methyl acrylate	4.89	55	27167	1.809	ug/l #	96
41) Tetrahydrofuran	5.11	42	18753	3.688	ug/l	97
42) 1-Chlorobutane	5.49	56	99655	1.848	ug/l	100

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Sample : VU0504WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0504WBS01

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Quant Time: May 05 02:39:05 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)
43) Dibromomethane	6.95	93	23394	1.782 ug/l	98
44) Bromodichloromethane	7.13	83	62109	1.884 ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	158133	8.838 ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	19527m	3.530 ug/l	
47) Methyl methacrylate	6.99	69	48471	3.631 ug/l	98
48) Ethyl methacrylate	8.36	69	42747	1.730 ug/l	98
49) Toluene	7.99	92	122662	1.853 ug/l	98
50) t-1,3-Dichloropropene	8.24	75	57782	1.715 ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	70009	1.731 ug/l	97
52) 1,1,2-Trichloroethane	8.43	97	34260	1.843 ug/l	96
53) 1,3-Dichloropropane	8.60	76	66198	1.897 ug/l	99
54) 2-Hexanone	8.71	43	106252	8.414 ug/l	100
55) Dibromochloromethane	8.83	129	36726	1.783 ug/l	99
56) 1,2-Dibromoethane	8.95	107	31748	1.811 ug/l	96
58) Tetrachloroethene	8.57	164	49251	1.919 ug/l	98
59) Chlorobenzene	9.47	112	130916	1.862 ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.56	131	38259	1.793 ug/l	98
61) Pentachloroethane	11.44	117	27871	1.743 ug/l	96
62) Hexachloroethane	12.49	117	26473	1.591 ug/l	99
63) Ethyl Benzene	9.59	91	225868	1.806 ug/l	98
64) m/p-Xylenes	9.71	106	178399	3.706 ug/l	99
65) o-Xylene	10.12	106	86934	1.853 ug/l	100
66) Styrene	10.13	104	141740	1.833 ug/l	99
67) Bromoform	10.31	173	17975	1.659 ug/l	99
69) Isopropylbenzene	10.50	105	227959	1.860 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	41046	1.723 ug/l	96
71) 1,2,3-Trichloropropane	10.84	75	29000m	1.646 ug/l	
72) Bromobenzene	10.80	156	51057	1.865 ug/l	99
73) n-propylbenzene	10.92	120	63368	1.885 ug/l	97
74) 2-Chlorotoluene	11.00	126	52959	1.876 ug/l	97
75) 1,3,5-Trimethylbenzene	11.10	105	185983	1.834 ug/l	100
76) 4-Chlorotoluene	11.11	126	53962	1.841 ug/l	98
77) tert-Butylbenzene	11.44	119	176269	1.826 ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	190600	1.825 ug/l	97
79) sec-Butylbenzene	11.66	105	253075	1.830 ug/l	99
80) Nitrobenzene	13.23	77	4619	6.540 ug/l	97
81) p-Isopropyltoluene	11.81	119	200315	1.795 ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	105530	1.862 ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	105595	1.841 ug/l	99
84) n-Butylbenzene	12.22	91	198229	1.779 ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	96897	1.837 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6568	1.751 ug/l	95
87) 1,2,4-Trichlorobenzene	13.87	180	67263	1.744 ug/l	99
88) Hexachlorobutadiene	14.05	225	30846	1.789 ug/l	99
89) Naphthalene	14.12	128	126881	1.711 ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	61159	1.780 ug/l	100

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

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