Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050420\
Data File : VU038006.D
Acq On : 04 May 2020 17:44
Operator : JC/MD
Sample : VU0504WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Manual Integrations APPROVED
MMDadoda
12/14/2020 8:58:02 AM

Quant Time: May 05 03:07:06 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	6.15	96	86144	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	32114	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
68) 1,2-Dichlorobenzene-d4	12.20	152	32506	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	54936	1.879	ug/l	99
3) Chloromethane	1.54	50	65378	1.888	ug/l	98
4) Vinyl Chloride	1.62	62	65795	1.908	ug/l	100
5) Bromomethane	1.87	94	34320	1.659	ug/l	100
6) Chloroethane	1.95	64	39294	1.907	ug/l	99
7) Trichlorofluoromethane	2.16	101	68508	1.906	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42995	1.919	ug/l	98
9) 1,1-Dichloroethene	2.60	96	43557	1.936	ug/l	98
10) Iodomethane	2.75	142	22020	1.933	ug/l	100
11) Allyl Chloride	2.95	41	79297	1.900	ug/l	97
12) Acrylonitrile	3.35	53	24067	3.913	ug/l	95
13) Acetone	2.66	43	40461	8.224	ug/l	95
14) Carbon Disulfide	2.82	76	154194	1.877	ug/l	99
15) Methylene Chloride	3.07	84	57354	1.905	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	45566	1.851	ug/l	99
17) 1,1-Dichloroethane	3.91	63	88117	1.887	ug/l	100
18) 2-Butanone	4.76	43	65540	8.885	ug/l	99
19) Cyclohexane	5.42	56	83679m	1.848	ug/l	
20) Methylcyclohexane	6.79	83	80453	1.813	ug/l	97
21) 2,2-Dichloropropane	4.70	77	66759	1.711	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	49211	1.891	ug/l	98
23) Diethyl Ether	2.40	59	36688	1.859	ug/l	99
24) tert-Butyl Alcohol	3.23	59	39765	18.159	ug/l	96
25) Methyl tert-Butyl Ether	3.41	73	117325	1.903	ug/l	97
26) Bromochloromethane	5.02	128	19572	1.868	ug/l	99
27) Chloroform	5.13	83	82402	1.882	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	67292	1.865	ug/l	98
29) 1,1-Dichloropropene	5.56	75	68495	1.886	ug/l	99
30) Carbon Tetrachloride	5.56	117	55706	1.845	ug/l	97
31) Isopropyl Ether	4.05	45	141082	1.836	ug/l	96
32) Ethyl-t-butyl ether	4.55	59	127513	1.838	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	106997	1.789	ug/l	99
34) Propionitrile	4.82	54	20694	9.798	ug/l #	98
35) Benzene	5.81	78	194844	1.917	ug/l	100
36) 1,2-Dichloroethane	5.83	62	56229	1.870	ug/l	97
37) Trichloroethene	6.57	130	49434	1.852	ug/l	93
38) 1,2-Dichloropropane	6.82	63	51333	1.877	ug/l	96
39) Methacrylonitrile	5.02	41	16826	1.701	ug/l	98
40) Methyl acrylate	4.89	55	26089	1.790	ug/l	97
41) Tetrahydrofuran	5.11	42	17727	3.592	ug/l	96
42) 1-Chlorobutane	5.49	56	96782	1.849	ug/l	97

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.95	93	22812	1.790	ug/l		96
44) Bromodichloromethane	7.14	83	59676	1.865	ug/l		99
45) 4-Methyl-2-Pentanone	7.82	43	154579	8.902	ug/l		100
46) t-1,4-Dichloro-2-butene	10.85	75	15716m	2.927	ug/l		
47) Methyl methacrylate	6.99	69	46481	3.587	ug/l		99
48) Ethyl methacrylate	8.36	69	43417	1.810	ug/l		99
49) Toluene	7.99	92	124002	1.930	ug/l		99
50) t-1,3-Dichloropropene	8.23	75	57115	1.747	ug/l		97
51) cis-1,3-Dichloropropene	7.64	75	69547	1.771	ug/l		97
52) 1,1,2-Trichloroethane	8.42	97	33516	1.858	ug/l		93
53) 1,3-Dichloropropane	8.60	76	64889	1.916	ug/l		100
54) 2-Hexanone	8.71	43	105346	8.595	ug/l		100
55) Dibromochloromethane	8.83	129	35191	1.760	ug/l		99
56) 1,2-Dibromoethane	8.95	107	29832	1.753	ug/l		96
58) Tetrachloroethene	8.57	164	47720	1.916	ug/l		99
59) Chlorobenzene	9.47	112	130331	1.910	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.56	131	37903	1.830	ug/l		99
61) Pentachloroethane	11.44	117	26922	1.735	ug/l		98
62) Hexachloroethane	12.49	117	27186	1.683	ug/l		96
63) Ethyl Benzene	9.59	91	225795	1.860	ug/l		100
64) m/p-Xylenes	9.71	106	175846	3.764	ug/l		99
65) o-Xylene	10.12	106	84218	1.849	ug/l		99
66) Styrene	10.13	104	140263	1.869	ug/l		100
67) Bromoform	10.31	173	17731	1.686	ug/l		97
69) Isopropylbenzene	10.50	105	219344	1.845	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42361	1.832	ug/l		97
71) 1,2,3-Trichloropropane	10.84	75	24391m	1.427	ug/l		
72) Bromobenzene	10.80	156	51081	1.923	ug/l		99
73) n-propylbenzene	10.92	120	61087	1.872	ug/l		100
74) 2-Chlorotoluene	11.00	126	51379	1.876	ug/l		100
75) 1,3,5-Trimethylbenzene	11.10	105	182426	1.853	ug/l		99
76) 4-Chlorotoluene	11.11	126	53962	1.897	ug/l		97
77) tert-Butylbenzene	11.44	119	171359	1.829	ug/l		100
78) 1,2,4-Trimethylbenzene	11.48	105	183132	1.807	ug/l		99
79) sec-Butylbenzene	11.66	105	249957	1.863	ug/l		100
80) Nitrobenzene	13.23	77	4299	6.272	ug/l	#	96
81) p-Isopropyltoluene	11.81	119	200475	1.851	ug/l		100
82) 1,3-Dichlorobenzene	11.76	146	104517	1.900	ug/l		97
83) 1,4-Dichlorobenzene	11.85	146	103744	1.863	ug/l		99
84) n-Butylbenzene	12.22	91	194673	1.800	ug/l		100
85) 1,2-Dichlorobenzene	12.23	146	97263	1.900	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6194	1.701	ug/l		96
87) 1,2,4-Trichlorobenzene	13.87	180	66634	1.780	ug/l		99
88) Hexachlorobutadiene	14.05	225	29779	1.779	ug/l		99
89) Naphthalene	14.12	128	127212	1.767	ug/l		100
90) 1,2,3-Trichlorobenzene	14.36	180	61879	1.856	ug/l		99

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

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