Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027363.D
Acq On : 03 Oct 2018 17:34
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 03 18:13:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 17:14:05 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	21966	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7528	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7432	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	74505	10.115	ug/l	100
3) Chloromethane	1.33	50	87962	10.280	ug/l	100
4) Vinyl Chloride	1.40	62	88510	10.168	ug/l	100
5) Bromomethane	1.63	94	44907	12.335	ug/l	96
6) Chloroethane	1.70	64	56432	10.291	ug/l	99
7) Trichlorofluoromethane	1.89	101	101233	10.037	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	59266	9.990	ug/l	99
9) 1,1-Dichloroethene	2.29	96	50455	10.211	ug/l	97
10) Iodomethane	2.41	142	60366	10.841	ug/l	99
11) Allyl Chloride	2.59	41	128643	9.853	ug/l	99
12) Acrylonitrile	2.94	53	31699	18.583	ug/l	99
13) Acetone	2.33	43	76870	47.891	ug/l	97
14) Carbon Disulfide	2.48	76	152639	9.944	ug/l	100
15) Methylene Chloride	2.70	84	64982	9.189	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	54709	9.519	ug/l	97
17) 1,1-Dichloroethane	3.45	63	133514	9.623	ug/l	99
18) 2-Butanone	4.29	43	130177	49.838	ug/l	98
19) Cyclohexane	4.99	56	105908	10.105	ug/l	99
20) Methylcyclohexane	6.41	83	95789	10.179	ug/l	96
21) 2,2-Dichloropropane	4.22	77	118562	9.979	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	71841	10.374	ug/l	96
23) Diethyl Ether	2.11	59	53200	10.090	ug/l	100
24) tert-Butyl Alcohol	2.84	59	55219	92.614	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	157989	9.581	ug/l	99
26) Bromochloromethane	4.55	128	27451	10.784	ug/l	96
27) Chloroform	4.67	83	133073	10.507	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	107502	10.464	ug/l	100
29) 1,1-Dichloropropene	5.13	75	96084	10.386	ug/l	99
30) Carbon Tetrachloride	5.13	117	91769	10.802	ug/l	99
31) Isopropyl Ether	3.58	45	243659	9.232	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	211045	10.243	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	171750	10.408	ug/l	100
34) Propionitrile	4.34	54	34892	51.787	ug/l	98
35) Benzene	5.39	78	284252	10.507	ug/l	99
36) 1,2-Dichloroethane	5.41	62	93267	10.516	ug/l	99
37) Trichloroethene	6.18	130	61964	10.318	ug/l	100
38) 1,2-Dichloropropane	6.43	63	82578	10.097	ug/l	99
39) Methacrylonitrile	4.56	41	33737	9.567	ug/l	98
40) Methyl acrylate	4.43	55	44888	9.998	ug/l	99
41) Tetrahydrofuran	4.66	42	33411	17.876	ug/l	99
42) 1-Chlorobutane	5.06	56	154361	10.371	ug/l	100

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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	6.56	93	35682	10.486	ug/l	97
44) Bromodichloromethane	6.76	83	96544	10.456	ug/l	98
45) 4-Methyl-2-Pentanone	7.48	43	282043	53.830	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	34352m	22.614	ug/l	
47) Methyl methacrylate	6.64	69	71136	20.765	ug/l	99
48) Ethyl methacrylate	8.03	69	64342	10.782	ug/l	98
49) Toluene	7.64	92	155820	10.534	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	86909	10.598	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	101071	10.287	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	50804	10.608	ug/l	98
53) 1,3-Dichloropropane	8.25	76	94226	10.371	ug/l	100
54) 2-Hexanone	8.38	43	197880	54.659	ug/l	99
55) Dibromochloromethane	8.48	129	57576	10.888	ug/l	100
56) 1,2-Dibromoethane	8.59	107	44069	10.409	ug/l	99
58) Tetrachloroethene	8.23	164	53192	9.991	ug/l	98
59) Chlorobenzene	9.12	112	159183	10.319	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	62963	10.617	ug/l	99
61) Pentachloroethane	11.10	117	53203	10.853	ug/l	99
62) Hexachloroethane	12.15	117	53674	11.482	ug/l	100
63) Ethyl Benzene	9.25	91	292479	11.045	ug/l	100
64) m/p-Xylenes	9.38	106	231908	23.359	ug/l	99
65) o-Xylene	9.78	106	105031	11.145	ug/l	98
66) Styrene	9.79	104	194552	11.762	ug/l	99
67) Bromoform	9.96	173	31014	10.965	ug/l	98
69) Isopropylbenzene	10.17	105	281004	11.307	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	67873	10.491	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	47880m	9.592	ug/l	
72) Bromobenzene	10.45	156	65016	10.844	ug/l	98
73) n-propylbenzene	10.59	120	80287	11.997	ug/l	100
74) 2-Chlorotoluene	10.66	126	70127	11.466	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	261436	11.826	ug/l	100
76) 4-Chlorotoluene	10.77	126	72965	11.627	ug/l	96
77) tert-Butylbenzene	11.10	119	238306	11.417	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	272525	12.078	ug/l	100
79) sec-Butylbenzene	11.32	105	336706	11.758	ug/l	99
80) Nitrobenzene	12.86	77	16566	62.294	ug/l	97
81) p-Isopropyltoluene	11.48	119	281494	12.220	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	140897	11.158	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	142186	11.249	ug/l	99
84) n-Butylbenzene	11.89	91	287315	12.296	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	130473	11.168	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10922	11.147	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	84535	11.415	ug/l	99
88) Hexachlorobutadiene	13.69	225	54926	11.212	ug/l	98
89) Naphthalene	13.75	128	152862	11.703	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	85341	11.653	ug/l	99

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

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