Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031516.D
Acq On : 26 Apr 2019 01:11
Operator : JC/SP
Sample : VU0426WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 05:58:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VU0426WBS01

Manual Integrations APPROVED
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4/26/2019 12:23:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	70461	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	24324	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	23988	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	62493	1.965	ug/l		96
3) Chloromethane	1.32	50	73888	1.947	ug/l		100
4) Vinyl Chloride	1.40	62	71197	1.970	ug/l		98
5) Bromomethane	1.63	94	38286	2.186	ug/l		93
6) Chloroethane	1.70	64	38773	1.940	ug/l		100
7) Trichlorofluoromethane	1.88	101	81962	1.991	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	38529	1.899	ug/l		98
9) 1,1-Dichloroethene	2.28	96	40151	1.990	ug/l		99
10) Iodomethane	2.41	142	33184	1.495	ug/l		97
11) Allyl Chloride	2.59	41	87381	1.977	ug/l		99
12) Acrylonitrile	2.94	53	24217	3.962	ug/l		97
13) Acetone	2.33	43	52707	9.464	ug/l		94
14) Carbon Disulfide	2.48	76	154897	2.000	ug/l		99
15) Methylene Chloride	2.70	84	50531	1.976	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	43639	1.933	ug/l		97
17) 1,1-Dichloroethane	3.44	63	92141	1.958	ug/l		99
18) 2-Butanone	4.28	43	70393	9.673	ug/l		97
19) Cyclohexane	4.99	56	67114m	1.852	ug/l		
20) Methylcyclohexane	6.41	83	52427	1.803	ug/l		92
21) 2,2-Dichloropropane	4.22	77	56475	1.642	ug/l		98
22) cis-1,2-Dichloroethene	4.23	96	46075	1.908	ug/l		99
23) Diethyl Ether	2.10	59	39238	2.029	ug/l		93
24) tert-Butyl Alcohol	2.85	59	41099	20.495	ug/l	#	89
25) Methyl tert-Butyl Ether	3.00	73	120218	2.047	ug/l		97
26) Bromochloromethane	4.54	128	19549	1.916	ug/l		94
27) Chloroform	4.67	83	85072	1.950	ug/l		94
28) 1,1,1-Trichloroethane	4.91	97	72263	1.966	ug/l		98
29) 1,1-Dichloropropene	5.13	75	58914	1.980	ug/l		97
30) Carbon Tetrachloride	5.13	117	62183	1.987	ug/l		96
31) Isopropyl Ether	3.57	45	138178	1.960	ug/l		97
32) Ethyl-t-butyl ether	4.06	59	109381	1.912	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	85546	1.880	ug/l		97
34) Propionitrile	4.35	54	17750	9.093	ug/l	#	81
35) Benzene	5.39	78	181605	1.995	ug/l		100
36) 1,2-Dichloroethane	5.40	62	58934	1.987	ug/l		99
37) Trichloroethene	6.18	130	42243	1.897	ug/l		98
38) 1,2-Dichloropropane	6.43	63	50696	1.971	ug/l		93
39) Methacrylonitrile	4.55	41	15845	1.935	ug/l		97
40) Methyl acrylate	4.44	55	21094	1.937	ug/l	#	95
41) Tetrahydrofuran	4.66	42	17443m	3.887	ug/l		
42) 1-Chlorobutane	5.06	56	86072	1.906	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	24858	1.967 ug/l	97
44) Bromodichloromethane	6.76	83	62133	1.979 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	150656	9.961 ug/l	95
46) t-1,4-Dichloro-2-butene	10.51	75	14230m	3.066 ug/l	
47) Methyl methacrylate	6.63	69	35390	3.625 ug/l	97
48) Ethyl methacrylate	8.02	69	31193	1.836 ug/l	98
49) Toluene	7.63	92	94037	1.987 ug/l	95
50) t-1,3-Dichloropropene	7.88	75	45375	1.834 ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	55946	1.857 ug/l	93
52) 1,1,2-Trichloroethane	8.06	97	35005	2.123 ug/l	91
53) 1,3-Dichloropropane	8.24	76	58259	2.014 ug/l	99
54) 2-Hexanone	8.37	43	96297	9.443 ug/l	95
55) Dibromochloromethane	8.47	129	37726	2.029 ug/l	100
56) 1,2-Dibromoethane	8.58	107	29379	1.991 ug/l	97
58) Tetrachloroethene	8.22	164	41855	1.949 ug/l	98
59) Chlorobenzene	9.12	112	97185	1.958 ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	39885	2.060 ug/l	95
61) Pentachloroethane	11.10	117	27056	1.972 ug/l	93
62) Hexachloroethane	12.14	117	28315	2.096 ug/l	96
63) Ethyl Benzene	9.25	91	152562	1.877 ug/l	96
64) m/p-Xylenes	9.37	106	111619	3.670 ug/l	97
65) o-Xylene	9.77	106	54504	1.844 ug/l	92
66) Styrene	9.79	104	91713	1.834 ug/l	98
67) Bromoform	9.95	173	20366	1.957 ug/l	99
69) Isopropylbenzene	10.16	105	150305	1.942 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	43078	2.029 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	30957m	2.001 ug/l	
72) Bromobenzene	10.45	156	38993	1.986 ug/l	82
73) n-propylbenzene	10.58	120	39420	1.968 ug/l	98
74) 2-Chlorotoluene	10.66	126	36504	1.912 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	123242	1.802 ug/l	98
76) 4-Chlorotoluene	10.77	126	35729	1.809 ug/l	91
77) tert-Butylbenzene	11.10	119	116501	1.883 ug/l	97
78) 1,2,4-Trimethylbenzene	11.14	105	125110	1.804 ug/l	99
79) sec-Butylbenzene	11.32	105	167283	1.983 ug/l	100
80) Nitrobenzene	12.89	77	2720m	5.322 ug/l	
81) p-Isopropyltoluene	11.47	119	124632	1.837 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	80313	2.069 ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	78355	2.102 ug/l	98
84) n-Butylbenzene	11.89	91	122166	1.891 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	74977	2.032 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5956	1.949 ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	36928	1.960 ug/l	97
88) Hexachlorobutadiene	13.69	225	26863	1.982 ug/l	96
89) Naphthalene	13.74	128	55143	1.856 ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	35864	1.874 ug/l	98

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

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