Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034467.D
Acq On : 11 Sep 2019 10:13
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:17 PM

Quant Time: Sep 12 02:28:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	58990	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	23157	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	25171	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	21916	0.912	ug/l	100
3) Chloromethane	1.33	50	24924	0.942	ug/l	98
4) Vinyl Chloride	1.40	62	24098	0.826	ug/l	100
5) Bromomethane	1.62	94	14447	0.794	ug/l	92
6) Chloroethane	1.69	64	13823	0.700	ug/l	98
7) Trichlorofluoromethane	1.88	101	29328	0.743	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	16107	0.784	ug/l	93
9) 1,1-Dichloroethene	2.28	96	16346	0.807	ug/l	97
10) Iodomethane	2.40	142	11861	0.448	ug/l	96
11) Allyl Chloride	2.58	41	26090	0.781	ug/l	95
12) Acrylonitrile	2.92	53	6430	1.169	ug/l	93
13) Acetone	2.32	43	14685	3.118	ug/l	99
14) Carbon Disulfide	2.47	76	56984	0.746	ug/l	97
15) Methylene Chloride	2.69	84	19547	0.722	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	18399	0.769	ug/l	95
17) 1,1-Dichloroethane	3.42	63	33963	1.006	ug/l	99
18) 2-Butanone	4.27	43	17804	3.808	ug/l	99
19) Cyclohexane	4.97	56	23135m	0.922	ug/l	
20) Methylcyclohexane	6.40	83	24888	0.985	ug/l	97
21) 2,2-Dichloropropane	4.21	77	28984	1.011	ug/l	97
22) cis-1,2-Dichloroethene	4.21	96	18790	0.987	ug/l	95
23) Diethyl Ether	2.10	59	11732	0.685	ug/l	97
24) tert-Butyl Alcohol	2.82	59	18802	7.231	ug/l #	92
25) Methyl tert-Butyl Ether	2.99	73	37495	0.658	ug/l	96
26) Bromochloromethane	4.53	128	8249	0.995	ug/l	99
27) Chloroform	4.65	83	37006	0.974	ug/l	98
28) 1,1,1-Trichloroethane	4.89	97	26867	0.915	ug/l	98
29) 1,1-Dichloropropene	5.11	75	22164	0.909	ug/l	97
30) Carbon Tetrachloride	5.11	117	24902	0.960	ug/l	95
31) Isopropyl Ether	3.56	45	46407	1.065	ug/l	93
32) Ethyl-t-butyl ether	4.05	59	39934	0.974	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	31734	0.877	ug/l	98
34) Propionitrile	4.33	54	5024	3.801	ug/l #	98
35) Benzene	5.37	78	68892	0.972	ug/l	100
36) 1,2-Dichloroethane	5.39	62	18383	0.808	ug/l	99
37) Trichloroethene	6.16	130	19923	1.053	ug/l	91
38) 1,2-Dichloropropane	6.41	63	19090	0.983	ug/l	98
39) Methacrylonitrile	4.54	41	4085	0.769	ug/l #	90
40) Methyl acrylate	4.42	55	6663	0.808	ug/l #	74
41) Tetrahydrofuran	4.64	42	4316	1.627	ug/l #	90
42) 1-Chlorobutane	5.04	56	30023	0.912	ug/l	96

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Quant Time: Sep 12 02:28:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	8889	0.851 ug/l	99
44) Bromodichloromethane	6.74	83	22826	0.893 ug/l	95
45) 4-Methyl-2-Pentanone	7.45	43	41675	3.928 ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	6005m	1.429 ug/l	
47) Methyl methacrylate	6.61	69	12747	1.596 ug/l	98
48) Ethyl methacrylate	8.01	69	10731	0.758 ug/l	94
49) Toluene	7.62	92	36636	0.902 ug/l	97
50) t-1,3-Dichloropropene	7.86	75	17948	0.847 ug/l	97
51) cis-1,3-Dichloropropene	7.25	75	22526	0.886 ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	12780	0.911 ug/l	98
53) 1,3-Dichloropropane	8.23	76	20431	0.860 ug/l	99
54) 2-Hexanone	8.35	43	26314	3.536 ug/l	95
55) Dibromochloromethane	8.46	129	14791	0.895 ug/l	99
56) 1,2-Dibromoethane	8.57	107	11321	0.868 ug/l	96
58) Tetrachloroethene	8.21	164	18745	1.087 ug/l	97
59) Chlorobenzene	9.10	112	43270	0.932 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	17091	0.971 ug/l	98
61) Pentachloroethane	11.08	117	14174	0.986 ug/l	95
62) Hexachloroethane	12.12	117	12203	0.890 ug/l	93
63) Ethyl Benzene	9.23	91	64648	0.867 ug/l	99
64) m/p-Xylenes	9.35	106	51693	1.729 ug/l	95
65) o-Xylene	9.76	106	25911	0.906 ug/l	96
66) Styrene	9.77	104	40210	0.832 ug/l	98
67) Bromoform	9.94	173	8629	0.956 ug/l	98
69) Isopropylbenzene	10.14	105	63517	0.864 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	16526	0.891 ug/l	96
71) 1,2,3-Trichloropropane	10.48	75	11029m	0.767 ug/l	
72) Bromobenzene	10.43	156	19506	1.002 ug/l	97
73) n-propylbenzene	10.57	120	18143	0.863 ug/l	95
74) 2-Chlorotoluene	10.64	126	17518	0.919 ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	57029	0.867 ug/l	99
76) 4-Chlorotoluene	10.75	126	17755	0.899 ug/l	92
77) tert-Butylbenzene	11.08	119	57516	0.914 ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	57584	0.858 ug/l	99
79) sec-Butylbenzene	11.30	105	77064	0.898 ug/l	100
81) p-Isopropyltoluene	11.46	119	60555	0.863 ug/l	97
82) 1,3-Dichlorobenzene	11.40	146	40965	0.993 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	39804	0.978 ug/l	96
84) n-Butylbenzene	11.87	91	56011	0.792 ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	36994	0.963 ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.64	75	1844	0.641 ug/l	93
87) 1,2,4-Trichlorobenzene	13.49	180	18525m	0.809 ug/l	
88) Hexachlorobutadiene	13.67	225	16389	1.118 ug/l	99
89) Naphthalene	13.73	128	20756	0.551 ug/l	98
90) 1,2,3-Trichlorobenzene	13.97	180	16883m	0.764 ug/l	

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

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