Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029832.D
Acq On : 06 Mar 2019 10:20
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:49:55 PM

Quant Time: Mar 08 01:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63624	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	22618	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	25713	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	41729	1.960	ug/l	100
3) Chloromethane	1.33	50	35647	1.880	ug/l	97
4) Vinyl Chloride	1.40	62	42137	1.976	ug/l	99
5) Bromomethane	1.63	94	29345	2.015	ug/l	96
6) Chloroethane	1.70	64	24840	1.942	ug/l	99
7) Trichlorofluoromethane	1.88	101	57237	1.970	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32710	1.935	ug/l	98
9) 1,1-Dichloroethene	2.28	96	32565	1.968	ug/l	95
10) Iodomethane	2.41	142	23074	1.608	ug/l	97
11) Allyl Chloride	2.59	41	45605	1.960	ug/l	99
12) Acrylonitrile	2.93	53	13868	3.843	ug/l	94
13) Acetone	2.32	43	28974	9.695	ug/l	99
14) Carbon Disulfide	2.47	76	102958	1.921	ug/l	100
15) Methylene Chloride	2.70	84	39071	1.967	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	36775	1.967	ug/l	97
17) 1,1-Dichloroethane	3.44	63	59704	1.909	ug/l	100
18) 2-Butanone	4.28	43	38526	9.485	ug/l	98
19) Cyclohexane	4.98	56	45995m	1.938	ug/l	
20) Methylcyclohexane	6.41	83	54760	1.936	ug/l	99
21) 2,2-Dichloropropane	4.22	77	50172	1.962	ug/l	97
22) cis-1,2-Dichloroethene	4.22	96	37894	1.913	ug/l	100
23) Diethyl Ether	2.10	59	24511	1.976	ug/l	99
24) tert-Butyl Alcohol	2.84	59	24008	18.758	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	81790	1.963	ug/l	99
26) Bromochloromethane	4.55	128	17231	1.959	ug/l	99
27) Chloroform	4.67	83	62477	1.973	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	52397	1.951	ug/l	99
29) 1,1-Dichloropropene	5.13	75	46320	1.941	ug/l	100
30) Carbon Tetrachloride	5.13	117	44833	1.914	ug/l	98
31) Isopropyl Ether	3.58	45	82701	1.917	ug/l	95
32) Ethyl-t-butyl ether	4.07	59	80362	1.916	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	75265	1.941	ug/l	98
34) Propionitrile	4.33	54	11522	9.537	ug/l #	95
35) Benzene	5.38	78	139351	1.982	ug/l	99
36) 1,2-Dichloroethane	5.40	62	37469	1.951	ug/l	99
37) Trichloroethene	6.18	130	39881	1.943	ug/l	92
38) 1,2-Dichloropropane	6.43	63	34771	1.954	ug/l	100
39) Methacrylonitrile	4.55	41	9665	1.902	ug/l	95
40) Methyl acrylate	4.43	55	15417	1.919	ug/l #	96
41) Tetrahydrofuran	4.66	42	10459	3.935	ug/l	97
42) 1-Chlorobutane	5.06	56	58373	1.915	ug/l	100

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Quant Time: Mar 08 01:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	17936	1.945 ug/l	97
44) Bromodichloromethane	6.75	83	43530	1.922 ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	90718	9.431 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	13168m	3.145 ug/l	
47) Methyl methacrylate	6.63	69	31530	3.984 ug/l	95
48) Ethyl methacrylate	8.02	69	28576	1.884 ug/l	98
49) Toluene	7.63	92	82924	1.921 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	36725	1.850 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	47726	1.942 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	26574	1.947 ug/l	99
53) 1,3-Dichloropropane	8.24	76	42076	1.879 ug/l	99
54) 2-Hexanone	8.37	43	60545	9.063 ug/l	98
55) Dibromochloromethane	8.48	129	30308	1.871 ug/l	98
56) 1,2-Dibromoethane	8.58	107	25203	1.947 ug/l	99
58) Tetrachloroethene	8.22	164	41984	2.002 ug/l	94
59) Chlorobenzene	9.12	112	93404	1.882 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	34589	1.943 ug/l	99
61) Pentachloroethane	11.10	117	24166	1.950 ug/l	93
62) Hexachloroethane	12.14	117	23387	1.794 ug/l	98
63) Ethyl Benzene	9.25	91	151966	1.870 ug/l	100
64) m/p-Xylenes	9.37	106	122134	3.801 ug/l	99
65) o-Xylene	9.78	106	59379	1.924 ug/l	99
66) Styrene	9.79	104	94151	1.836 ug/l	99
67) Bromoform	9.95	173	17812	1.872 ug/l	98
69) Isopropylbenzene	10.16	105	154359	1.886 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	31674	1.902 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	23997m	1.990 ug/l	
72) Bromobenzene	10.45	156	41189	1.902 ug/l	98
73) n-propylbenzene	10.58	120	44137	1.919 ug/l	96
74) 2-Chlorotoluene	10.66	126	39506	1.936 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	131032	1.901 ug/l	99
76) 4-Chlorotoluene	10.77	126	39075	1.878 ug/l	97
77) tert-Butylbenzene	11.10	119	127785	1.873 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	130701	1.876 ug/l	100
79) sec-Butylbenzene	11.32	105	172167	1.905 ug/l	99
80) Nitrobenzene	12.88	77	1794m	5.645 ug/l	
81) p-Isopropyltoluene	11.47	119	142990	1.889 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	81308	1.895 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	79195	1.889 ug/l	100
84) n-Butylbenzene	11.89	91	129889	1.884 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	76699	1.896 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4358	1.833 ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	48365	1.867 ug/l	98
88) Hexachlorobutadiene	13.69	225	30361	1.861 ug/l	99
89) Naphthalene	13.74	128	72601	1.753 ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	45814	1.883 ug/l	97

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

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