Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028330.D
Acq On : 26 Nov 2018 11:01
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:36 PM

Quant Time: Nov 27 00:58:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 00:37:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	49948	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	19054	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	17750	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	88662	4.935	ug/l	99
3) Chloromethane	1.32	50	140928	4.608	ug/l	99
4) Vinyl Chloride	1.40	62	104079	4.973	ug/l	98
5) Bromomethane	1.63	94	39537	4.795	ug/l	94
6) Chloroethane	1.70	64	57995	4.746	ug/l	99
7) Trichlorofluoromethane	1.89	101	114032	4.989	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	64584	4.912	ug/l	98
9) 1,1-Dichloroethene	2.29	96	61845	5.086	ug/l	94
10) Iodomethane	2.41	142	41230	5.013	ug/l	98
11) Allyl Chloride	2.59	41	155148	5.054	ug/l	99
12) Acrylonitrile	2.95	53	37128	9.585	ug/l	98
13) Acetone	2.33	43	80565	22.444	ug/l	96
14) Carbon Disulfide	2.48	76	228591	4.949	ug/l	99
15) Methylene Chloride	2.70	84	71476	4.820	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	66167	4.862	ug/l	100
17) 1,1-Dichloroethane	3.44	63	150210	4.951	ug/l	100
18) 2-Butanone	4.28	43	131246	24.468	ug/l	100
19) Cyclohexane	4.99	56	128945	4.896	ug/l	96
20) Methylcyclohexane	6.41	83	129272	5.014	ug/l	99
21) 2,2-Dichloropropane	4.22	77	119825	4.921	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	79478	4.990	ug/l	97
23) Diethyl Ether	2.11	59	59605	4.889	ug/l	99
24) tert-Butyl Alcohol	2.86	59	62178	52.730	ug/l	98
25) Methyl tert-Butyl Ether	3.01	73	181746	5.031	ug/l	99
26) Bromochloromethane	4.55	128	30083	4.955	ug/l	95
27) Chloroform	4.67	83	140329	4.796	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	114022	4.990	ug/l	100
29) 1,1-Dichloropropene	5.13	75	108727	4.960	ug/l	99
30) Carbon Tetrachloride	5.13	117	90837	4.923	ug/l	98
31) Isopropyl Ether	3.58	45	270244	4.974	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	225478	5.039	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	185696	5.002	ug/l	99
34) Propionitrile	4.34	54	34494	25.599	ug/l #	97
35) Benzene	5.39	78	321781	4.987	ug/l	99
36) 1,2-Dichloroethane	5.40	62	94679	4.906	ug/l	99
37) Trichloroethene	6.18	130	69552	4.949	ug/l	99
38) 1,2-Dichloropropane	6.43	63	92535	5.028	ug/l	93
39) Methacrylonitrile	4.55	41	34037	4.716	ug/l	97
40) Methyl acrylate	4.43	55	46773	4.710	ug/l	98
41) Tetrahydrofuran	4.66	42	35936	9.905	ug/l	98
42) 1-Chlorobutane	5.06	56	171934	4.934	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 00:37:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	39518	5.045 ug/l	99
44) Bromodichloromethane	6.76	83	100818	4.874 ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	314471	24.992 ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	47448m	10.517 ug/l	
47) Methyl methacrylate	6.63	69	80968	10.126 ug/l	98
48) Ethyl methacrylate	8.02	69	80089	5.007 ug/l	98
49) Toluene	7.64	92	180497	5.037 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	99662	5.016 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	121703	4.961 ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	52420	4.766 ug/l	96
53) 1,3-Dichloropropane	8.24	76	103285	5.027 ug/l	99
54) 2-Hexanone	8.37	43	223039	24.640 ug/l	99
55) Dibromochloromethane	8.48	129	58242	4.979 ug/l	97
56) 1,2-Dibromoethane	8.58	107	49110	4.902 ug/l	96
58) Tetrachloroethene	8.22	164	65531	5.092 ug/l	98
59) Chlorobenzene	9.12	112	185450	4.973 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	62142	4.917 ug/l	99
61) Pentachloroethane	11.10	117	49490	5.032 ug/l	97
62) Hexachloroethane	12.14	117	45310	4.917 ug/l	99
63) Ethyl Benzene	9.25	91	349631	5.081 ug/l	98
64) m/p-Xylenes	9.37	106	257741	10.351 ug/l	99
65) o-Xylene	9.78	106	122131	5.083 ug/l	97
66) Styrene	9.79	104	211013	5.120 ug/l	99
67) Bromoform	9.96	173	31591	4.818 ug/l	99
69) Isopropylbenzene	10.16	105	328043	5.098 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	73049	4.952 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	50655m	4.984 ug/l	
72) Bromobenzene	10.45	156	73267	5.130 ug/l	99
73) n-propylbenzene	10.59	120	86164	5.163 ug/l	97
74) 2-Chlorotoluene	10.66	126	73477	5.025 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	274947	5.077 ug/l	97
76) 4-Chlorotoluene	10.77	126	77010	5.195 ug/l	100
77) tert-Butylbenzene	11.10	119	259246	5.085 ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	284176	5.121 ug/l	100
79) sec-Butylbenzene	11.32	105	366421	5.155 ug/l	100
80) Nitrobenzene	12.86	77	15935	23.976 ug/l	95
81) p-Isopropyltoluene	11.47	119	291066	5.153 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	144519	5.052 ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	142083	4.990 ug/l	96
84) n-Butylbenzene	11.89	91	313598	5.289 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	135190	4.965 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	11418	4.811 ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	96740	5.054 ug/l	98
88) Hexachlorobutadiene	13.69	225	53465	5.162 ug/l	97
89) Naphthalene	13.74	128	185886	4.914 ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	90661	5.023 ug/l	99

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

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