Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029343.D
Acq On : 05 Feb 2019 12:36
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED
sam
2/8/2019 2:26:24 PM

Quant Time: Feb 08 10:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	57973	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22636	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	24285	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	214548	9.917	ug/l		98
3) Chloromethane	1.33	50	189274	9.574	ug/l		97
4) Vinyl Chloride	1.40	62	233839	10.089	ug/l		100
5) Bromomethane	1.62	94	116976	9.073	ug/l		95
6) Chloroethane	1.70	64	134077	9.902	ug/l		98
7) Trichlorofluoromethane	1.88	101	327225	10.110	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	173043	10.126	ug/l		91
9) 1,1-Dichloroethene	2.28	96	167570	10.020	ug/l		75
10) Iodomethane	2.41	142	251858	11.739	ug/l	#	79
11) Allyl Chloride	2.59	41	284730	10.153	ug/l		90
12) Acrylonitrile	2.94	53	74577	19.896	ug/l		97
13) Acetone	2.32	43	176871	49.196	ug/l	#	84
14) Carbon Disulfide	2.48	76	591633	10.019	ug/l		99
15) Methylene Chloride	2.70	84	185354	9.140	ug/l	#	83
16) trans-1,2-Dichloroethene	2.98	96	186932	10.005	ug/l	#	81
17) 1,1-Dichloroethane	3.44	63	291319	9.830	ug/l		98
18) 2-Butanone	4.28	43	220138	54.523	ug/l		98
19) Cyclohexane	4.99	56	259676m	9.940	ug/l		
20) Methylcyclohexane	6.41	83	295666	10.245	ug/l		88
21) 2,2-Dichloropropane	4.22	77	273055	9.954	ug/l		92
22) cis-1,2-Dichloroethene	4.22	96	179224	10.173	ug/l		83
23) Diethyl Ether	2.10	59	134775	10.036	ug/l		90
24) tert-Butyl Alcohol	2.84	59	137845	98.768	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	476313	10.115	ug/l	#	88
26) Bromochloromethane	4.54	128	78366	10.070	ug/l		79
27) Chloroform	4.67	83	294126	10.205	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	273064	10.222	ug/l		96
29) 1,1-Dichloropropene	5.13	75	236492	10.198	ug/l		94
30) Carbon Tetrachloride	5.13	117	248921	10.293	ug/l		99
31) Isopropyl Ether	3.58	45	458960	10.263	ug/l		90
32) Ethyl-t-butyl ether	4.07	59	453232	10.114	ug/l		92
33) Tert-Amyl methyl ether	5.58	73	417300	10.298	ug/l		99
34) Propionitrile	4.33	54	59481	58.414	ug/l	#	92
35) Benzene	5.39	78	656639	10.239	ug/l		99
36) 1,2-Dichloroethane	5.40	62	201510	10.389	ug/l	#	92
37) Trichloroethene	6.18	130	187110	10.167	ug/l		92
38) 1,2-Dichloropropane	6.43	63	170756	10.235	ug/l		100
39) Methacrylonitrile	4.55	41	56247	10.349	ug/l		90
40) Methyl acrylate	4.42	55	85147	10.378	ug/l	#	92
41) Tetrahydrofuran	4.65	42	55719	19.615	ug/l	#	88
42) 1-Chlorobutane	5.06	56	320012	10.299	ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	88861	9.995	ug/l		93
44) Bromodichloromethane	6.76	83	230847	10.191	ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	550527	52.825	ug/l	#	93
46) t-1,4-Dichloro-2-butene	10.51	75	109318m	21.611	ug/l		
47) Methyl methacrylate	6.62	69	166155	21.242	ug/l	#	80
48) Ethyl methacrylate	8.02	69	179349	10.688	ug/l		85
49) Toluene	7.63	92	422980	10.307	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	234256	10.549	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	273041	10.351	ug/l		91
52) 1,1,2-Trichloroethane	8.06	97	121739	10.343	ug/l		99
53) 1,3-Dichloropropane	8.24	76	214013	10.351	ug/l		99
54) 2-Hexanone	8.36	43	397043	54.351	ug/l		91
55) Dibromochloromethane	8.48	129	173339	10.361	ug/l		98
56) 1,2-Dibromoethane	8.58	107	122102	10.112	ug/l		99
58) Tetrachloroethene	8.22	164	177200	10.348	ug/l		97
59) Chlorobenzene	9.12	112	477720	10.334	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	176144	10.312	ug/l		97
61) Pentachloroethane	11.10	117	137901	10.416	ug/l		89
62) Hexachloroethane	12.14	117	152312	10.541	ug/l		100
63) Ethyl Benzene	9.25	91	831979	10.363	ug/l		96
64) m/p-Xylenes	9.37	106	653062	20.931	ug/l		90
65) o-Xylene	9.78	106	322897	10.544	ug/l		89
66) Styrene	9.79	104	538755	10.553	ug/l		95
67) Bromoform	9.95	173	109993	10.569	ug/l		99
69) Isopropylbenzene	10.16	105	857586	10.481	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.46	83	158495	10.507	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	113077m	10.712	ug/l		
72) Bromobenzene	10.45	156	210378	10.608	ug/l		88
73) n-propylbenzene	10.58	120	241189	10.583	ug/l		84
74) 2-Chlorotoluene	10.66	126	202215	10.420	ug/l		87
75) 1,3,5-Trimethylbenzene	10.77	105	737668	10.457	ug/l		97
76) 4-Chlorotoluene	10.77	126	212710	10.561	ug/l		83
77) tert-Butylbenzene	11.10	119	731173	10.486	ug/l		94
78) 1,2,4-Trimethylbenzene	11.15	105	755674	10.581	ug/l		96
79) sec-Butylbenzene	11.32	105	967084	10.600	ug/l		97
80) Nitrobenzene	12.86	77	43218	64.876	ug/l		98
81) p-Isopropyltoluene	11.47	119	825587	10.676	ug/l		96
82) 1,3-Dichlorobenzene	11.41	146	412348	10.598	ug/l		97
83) 1,4-Dichlorobenzene	11.50	146	412995	10.658	ug/l		97
84) n-Butylbenzene	11.89	91	771255	10.868	ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	391177	10.633	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	29241	10.386	ug/l	#	76
87) 1,2,4-Trichlorobenzene	13.50	180	286412	11.084	ug/l		99
88) Hexachlorobutadiene	13.69	225	158901	10.618	ug/l		99
89) Naphthalene	13.74	128	501127	11.435	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	256448	10.859	ug/l		97

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

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