Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029671.D
Acq On : 26 Feb 2019 09:53
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:31:39 AM

Quant Time: Feb 27 00:27:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	62071	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.30	95	28285	1.17	ug/l		0.00
Spiked Amount 1.000			Recovery = 117.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	29003	1.17	ug/l		0.00
Spiked Amount 1.000			Recovery = 117.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	220956	9.539	ug/l		100
3) Chloromethane	1.33	50	174119	8.226	ug/l		99
4) Vinyl Chloride	1.40	62	220245	8.875	ug/l		97
5) Bromomethane	1.62	94	119812	8.680	ug/l		95
6) Chloroethane	1.69	64	134003	9.243	ug/l		99
7) Trichlorofluoromethane	1.88	101	315089	9.093	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	182861	9.994	ug/l		89
9) 1,1-Dichloroethene	2.28	96	176369	9.849	ug/l		65
10) Iodomethane	2.41	142	142253	5.449	ug/l	#	75
11) Allyl Chloride	2.59	41	242612	8.080	ug/l	#	81
12) Acrylonitrile	2.93	53	75889	18.909	ug/l		98
13) Acetone	2.32	43	169923	43.932	ug/l	#	77
14) Carbon Disulfide	2.47	76	577594	9.136	ug/l		100
15) Methylene Chloride	2.70	84	199421	9.185	ug/l	#	73
16) trans-1,2-Dichloroethene	2.98	96	198322	9.904	ug/l	#	74
17) 1,1-Dichloroethane	3.44	63	339454	10.698	ug/l		96
18) 2-Butanone	4.27	43	234090	54.151	ug/l		99
19) Cyclohexane	4.98	56	228435	7.764	ug/l		84
20) Methylcyclohexane	6.41	83	318725	10.314	ug/l	#	85
21) 2,2-Dichloropropane	4.22	77	274411	9.343	ug/l	#	90
22) cis-1,2-Dichloroethene	4.22	96	206620	10.954	ug/l		76
23) Diethyl Ether	2.10	59	133236	9.266	ug/l		87
24) tert-Butyl Alcohol	2.83	59	136945	91.645	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	455576	9.036	ug/l	#	80
26) Bromochloromethane	4.54	128	91428	10.973	ug/l		71
27) Chloroform	4.67	83	324049	10.501	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	284157	9.935	ug/l		95
29) 1,1-Dichloropropene	5.13	75	249317	10.041	ug/l		91
30) Carbon Tetrachloride	5.13	117	254441	9.826	ug/l		98
31) Isopropyl Ether	3.57	45	444560	9.285	ug/l		91
32) Ethyl-t-butyl ether	4.07	59	454543	9.473	ug/l		89
33) Tert-Amyl methyl ether	5.58	73	433313	9.988	ug/l		99
34) Propionitrile	4.33	54	64854	57.075	ug/l	#	91
35) Benzene	5.38	78	730792	10.643	ug/l		97
36) 1,2-Dichloroethane	5.40	62	203273	9.788	ug/l	#	88
37) Trichloroethene	6.18	130	216919	11.009	ug/l		88
38) 1,2-Dichloropropane	6.43	63	187058	10.472	ug/l		100
39) Methacrylonitrile	4.54	41	55436	9.527	ug/l	#	86
40) Methyl acrylate	4.42	55	89658	10.207	ug/l	#	91
41) Tetrahydrofuran	4.64	42	55005	18.765	ug/l	#	79
42) 1-Chlorobutane	5.06	56	325415	9.782	ug/l		84

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	100667	10.576	ug/l		90
44) Bromodichloromethane	6.75	83	238727	9.843	ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	544833	48.827	ug/l	#	88
46) t-1,4-Dichloro-2-butene	10.51	75	97372m	17.911	ug/l		
47) Methyl methacrylate	6.62	69	180273	21.525	ug/l	#	69
48) Ethyl methacrylate	8.02	69	183319	10.203	ug/l		77
49) Toluene	7.63	92	478145	10.882	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	228336	9.604	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	278869	9.874	ug/l	#	83
52) 1,1,2-Trichloroethane	8.06	97	142038	11.271	ug/l		98
53) 1,3-Dichloropropane	8.24	76	236902	10.701	ug/l		100
54) 2-Hexanone	8.36	43	391657	50.074	ug/l		84
55) Dibromochloromethane	8.47	129	183042	10.219	ug/l		100
56) 1,2-Dibromoethane	8.58	107	137373	10.625	ug/l		100
58) Tetrachloroethene	8.22	164	209515	11.427	ug/l		92
59) Chlorobenzene	9.12	112	541949	10.949	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	191564	10.474	ug/l		96
61) Pentachloroethane	11.10	117	142604	10.060	ug/l		89
62) Hexachloroethane	12.14	117	155897	10.076	ug/l		97
63) Ethyl Benzene	9.24	91	919510	10.697	ug/l		96
64) m/p-Xylenes	9.37	106	732916	21.940	ug/l		87
65) o-Xylene	9.77	106	354841	10.822	ug/l		86
66) Styrene	9.79	104	603716	11.045	ug/l		92
67) Bromoform	9.95	173	110396	9.907	ug/l		100
69) Isopropylbenzene	10.16	105	943131	10.766	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.45	83	181749	11.253	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	129625m	11.687	ug/l		
72) Bromobenzene	10.45	156	243061	11.447	ug/l		84
73) n-propylbenzene	10.58	120	272724	11.177	ug/l		81
74) 2-Chlorotoluene	10.66	126	230820	11.109	ug/l		79
75) 1,3,5-Trimethylbenzene	10.77	105	805456	10.664	ug/l		95
76) 4-Chlorotoluene	10.77	126	241290	11.189	ug/l		78
77) tert-Butylbenzene	11.10	119	801828	10.740	ug/l		91
78) 1,2,4-Trimethylbenzene	11.14	105	827955	10.828	ug/l		95
79) sec-Butylbenzene	11.32	105	1064690	10.900	ug/l		95
80) Nitrobenzene	12.86	77	20972	29.144	ug/l	#	93
81) p-Isopropyltoluene	11.47	119	910331	10.994	ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	475122	11.405	ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	475497	11.460	ug/l		96
84) n-Butylbenzene	11.89	91	834639	10.984	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	445811	11.318	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26877	8.916	ug/l	#	54
87) 1,2,4-Trichlorobenzene	13.50	180	313612	11.335	ug/l		98
88) Hexachlorobutadiene	13.69	225	186440	11.636	ug/l		99
89) Naphthalene	13.74	128	538792	11.483	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	287409	11.367	ug/l		98

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

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