Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050420\
Data File : VU038007.D
Acq On : 04 May 2020 18:11
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
apatel
5/5/2020 11:16:09 AM

Quant Time: May 05 03:10:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	88008	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	33463	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	32980	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	298501	9.993	ug/l	99
3) Chloromethane	1.54	50	329182	9.307	ug/l	100
4) Vinyl Chloride	1.62	62	353361	10.030	ug/l	99
5) Bromomethane	1.87	94	168713	7.982	ug/l	99
6) Chloroethane	1.95	64	206655	9.819	ug/l	99
7) Trichlorofluoromethane	2.16	101	375394	10.222	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	231387	10.107	ug/l	99
9) 1,1-Dichloroethene	2.60	96	228345	9.933	ug/l	99
10) Iodomethane	2.75	142	186939	8.629	ug/l	99
11) Allyl Chloride	2.95	41	423095	9.922	ug/l	99
12) Acrylonitrile	3.35	53	120617	19.195	ug/l	97
13) Acetone	2.66	43	212967	42.371	ug/l	97
14) Carbon Disulfide	2.82	76	817710	9.742	ug/l	100
15) Methylene Chloride	3.07	84	265603	9.895	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	252673	10.046	ug/l	99
17) 1,1-Dichloroethane	3.91	63	477463	10.008	ug/l	99
18) 2-Butanone	4.76	43	363302	48.207	ug/l	98
19) Cyclohexane	5.42	56	456103m	9.859	ug/l	
20) Methylcyclohexane	6.79	83	466163	10.280	ug/l	100
21) 2,2-Dichloropropane	4.70	77	363533	9.118	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	266217	10.012	ug/l	99
23) Diethyl Ether	2.40	59	200891	9.965	ug/l	98
24) tert-Butyl Alcohol	3.23	59	201405	90.026	ug/l	99
25) Methyl tert-Butyl Ether	3.40	73	621221	9.864	ug/l	99
26) Bromochloromethane	5.01	128	105034	9.815	ug/l	99
27) Chloroform	5.13	83	444630	9.938	ug/l	97
28) 1,1,1-Trichloroethane	5.35	97	376451	10.210	ug/l	99
29) 1,1-Dichloropropene	5.56	75	369164	9.949	ug/l	99
30) Carbon Tetrachloride	5.56	117	316984	10.275	ug/l	99
31) Isopropyl Ether	4.04	45	794157	10.115	ug/l	100
32) Ethyl-t-butyl ether	4.55	59	691734	9.758	ug/l	100
33) Tert-Amyl methyl ether	5.98	73	592854	9.703	ug/l	99
34) Propionitrile	4.82	54	104283	48.331	ug/l	98
35) Benzene	5.81	78	1042801	10.042	ug/l	98
36) 1,2-Dichloroethane	5.83	62	302778	9.856	ug/l	99
37) Trichloroethene	6.57	130	270110	9.908	ug/l	100
38) 1,2-Dichloropropane	6.82	63	279401	10.000	ug/l	98
39) Methacrylonitrile	5.02	41	96706	9.568	ug/l	97
40) Methyl acrylate	4.89	55	147960	9.935	ug/l	99
41) Tetrahydrofuran	5.11	42	93410	18.529	ug/l	97
42) 1-Chlorobutane	5.49	56	541222	10.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.95	93	127635	9.806 ug/l	99
44) Bromodichloromethane	7.13	83	333334	10.196 ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	870564	49.074 ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	87009m	15.862 ug/l	
47) Methyl methacrylate	6.99	69	268823	20.309 ug/l	99
48) Ethyl methacrylate	8.36	69	248720	10.149 ug/l	100
49) Toluene	7.99	92	667949	10.174 ug/l	99
50) t-1,3-Dichloropropene	8.23	75	328712	9.841 ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	399644	9.963 ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	182854	9.920 ug/l	97
53) 1,3-Dichloropropane	8.60	76	347059	10.030 ug/l	100
54) 2-Hexanone	8.71	43	600786	47.980 ug/l	100
55) Dibromochloromethane	8.83	129	208014	10.185 ug/l	100
56) 1,2-Dibromoethane	8.95	107	168579	9.696 ug/l	97
58) Tetrachloroethene	8.57	164	260524	10.238 ug/l	99
59) Chlorobenzene	9.47	112	706447	10.135 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	216424	10.227 ug/l	99
61) Pentachloroethane	11.44	117	159966	10.091 ug/l	99
62) Hexachloroethane	12.49	117	156031	9.457 ug/l	100
63) Ethyl Benzene	9.59	91	1268438	10.228 ug/l	100
64) m/p-Xylenes	9.71	106	983133	20.597 ug/l	99
65) o-Xylene	10.12	106	472430	10.154 ug/l	99
66) Styrene	10.13	104	800917	10.447 ug/l	100
67) Bromoform	10.31	173	108175	10.070 ug/l	98
69) Isopropylbenzene	10.50	105	1244351	10.243 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	235318	9.963 ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	179961m	10.303 ug/l	
72) Bromobenzene	10.80	156	274253	10.106 ug/l	99
73) n-propylbenzene	10.92	120	346720	10.400 ug/l	100
74) 2-Chlorotoluene	11.00	126	284874	10.180 ug/l	99
75) 1,3,5-Trimethylbenzene	11.10	105	1036361	10.306 ug/l	100
76) 4-Chlorotoluene	11.11	126	301132	10.362 ug/l	97
77) tert-Butylbenzene	11.44	119	984028	10.281 ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1070122	10.336 ug/l	100
79) sec-Butylbenzene	11.66	105	1395804	10.181 ug/l	100
80) Nitrobenzene	13.23	77	28683	40.961 ug/l	98
81) p-Isopropyltoluene	11.81	119	1149297	10.387 ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	562865	10.018 ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	565195	9.936 ug/l	99
84) n-Butylbenzene	12.22	91	1137644	10.298 ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	522625	9.993 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	33913	9.119 ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	372955	9.753 ug/l	100
88) Hexachlorobutadiene	14.05	225	170011	9.944 ug/l	99
89) Naphthalene	14.11	128	730126	9.929 ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	338752	9.943 ug/l	99

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

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