Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040069.D
Acq On : 09 Sep 2020 18:42
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:46 PM

Quant Time: Sep 10 04:43:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	27968	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	10731	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	10165	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	79911	10.062	ug/l		99
3) Chloromethane	1.53	50	81115	9.656	ug/l		99
4) Vinyl Chloride	1.61	62	82938	10.040	ug/l		99
5) Bromomethane	1.87	94	48720	9.744	ug/l		95
6) Chloroethane	1.94	64	49410	9.070	ug/l		99
7) Trichlorofluoromethane	2.15	101	127793	10.307	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	70450	9.847	ug/l		100
9) 1,1-Dichloroethene	2.59	96	59341	9.810	ug/l		97
10) Iodomethane	2.74	142	72584	10.265	ug/l		100
11) Allyl Chloride	2.94	41	117840	9.863	ug/l		100
12) Acrylonitrile	3.34	53	45639	21.703	ug/l		94
13) Acetone	2.66	43	96387	50.008	ug/l		94
14) Carbon Disulfide	2.81	76	165695	9.864	ug/l		98
15) Methylene Chloride	3.06	84	74442	10.149	ug/l		98
16) trans-1,2-Dichloroethene	3.37	96	68318	10.402	ug/l		98
17) 1,1-Dichloroethane	3.89	63	141341	9.863	ug/l		99
18) 2-Butanone	4.75	43	156196	53.133	ug/l		100
19) Cyclohexane	5.40	56	120585m	10.131	ug/l		
20) Methylcyclohexane	6.77	83	115839	10.500	ug/l		99
21) 2,2-Dichloropropane	4.68	77	128749	9.462	ug/l		100
22) cis-1,2-Dichloroethene	4.69	96	75807	9.910	ug/l		98
23) Diethyl Ether	2.39	59	58786	10.257	ug/l		98
24) tert-Butyl Alcohol	3.25	59	73121	94.798	ug/l	#	89
25) Methyl tert-Butyl Ether	3.39	73	203801	10.103	ug/l		99
26) Bromochloromethane	4.99	128	33484	10.077	ug/l		95
27) Chloroform	5.11	83	148360	10.198	ug/l		96
28) 1,1,1-Trichloroethane	5.33	97	126549	10.003	ug/l		99
29) 1,1-Dichloropropene	5.54	75	108658	10.094	ug/l		99
30) Carbon Tetrachloride	5.54	117	115834	10.093	ug/l		99
31) Isopropyl Ether	4.02	45	249119	10.097	ug/l		97
32) Ethyl-t-butyl ether	4.53	59	227008	10.152	ug/l		99
33) Tert-Amyl methyl ether	5.96	73	204466	10.388	ug/l		99
34) Propionitrile	4.82	54	41383	55.600	ug/l	#	93
35) Benzene	5.79	78	308922	10.363	ug/l		97
36) 1,2-Dichloroethane	5.81	62	119246	10.283	ug/l		99
37) Trichloroethene	6.55	130	74787	9.868	ug/l		97
38) 1,2-Dichloropropane	6.80	63	89312	10.348	ug/l		98
39) Methacrylonitrile	5.00	41	37898	9.517	ug/l		99
40) Methyl acrylate	4.87	55	54536	10.679	ug/l		96
41) Tetrahydrofuran	5.09	42	38109	19.919	ug/l		96
42) 1-Chlorobutane	5.47	56	162276	10.202	ug/l		97

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	50411	10.107 ug/l	97
44) Bromodichloromethane	7.12	83	120975	10.104 ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	378489	55.702 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	66585m	25.613 ug/l	
47) Methyl methacrylate	6.98	69	94755	22.162 ug/l	99
48) Ethyl methacrylate	8.34	69	87591	11.274 ug/l	99
49) Toluene	7.97	92	196293	10.895 ug/l	97
50) t-1,3-Dichloropropene	8.22	75	118272	10.952 ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	124224	10.332 ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	65732	10.287 ug/l	98
53) 1,3-Dichloropropane	8.58	76	120820	10.532 ug/l	97
54) 2-Hexanone	8.70	43	270077	54.827 ug/l	99
55) Dibromochloromethane	8.82	129	79843	10.709 ug/l	100
56) 1,2-Dibromoethane	8.93	107	63781	10.688 ug/l	98
58) Tetrachloroethene	8.56	164	73864	10.042 ug/l	98
59) Chlorobenzene	9.45	112	208993	10.460 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	76082	10.398 ug/l	99
61) Pentachloroethane	11.42	117	50544	10.131 ug/l	99
62) Hexachloroethane	12.47	117	65995	10.408 ug/l	98
63) Ethyl Benzene	9.57	91	375968	11.028 ug/l	98
64) m/p-Xylenes	9.69	106	289973	22.765 ug/l	99
65) o-Xylene	10.10	106	135534	11.022 ug/l	99
66) Styrene	10.11	104	245398	11.362 ug/l	99
67) Bromoform	10.29	173	42999	11.199 ug/l	99
69) Isopropylbenzene	10.48	105	373355	11.032 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	87731	10.269 ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	68846m	10.379 ug/l	
72) Bromobenzene	10.78	156	82437	10.442 ug/l	97
73) n-propylbenzene	10.90	120	101473	10.905 ug/l	97
74) 2-Chlorotoluene	10.98	126	88058	10.832 ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	334317	11.279 ug/l	99
76) 4-Chlorotoluene	11.10	126	93512	10.666 ug/l	96
77) tert-Butylbenzene	11.42	119	305274	11.072 ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	348921	11.224 ug/l	99
79) sec-Butylbenzene	11.64	105	435159	10.897 ug/l	100
80) Nitrobenzene	13.20	77	18801	54.871 ug/l	98
81) p-Isopropyltoluene	11.79	119	359717	11.312 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	179721	10.336 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	179413	10.383 ug/l	99
84) n-Butylbenzene	12.20	91	377548	11.552 ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	171863	10.279 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	16733	10.524 ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	107269	11.116 ug/l	100
88) Hexachlorobutadiene	14.01	225	53009	10.619 ug/l	99
89) Naphthalene	14.08	128	229452	9.768 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	99059	11.021 ug/l	100

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

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