Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044021.D
Acq On : 02 Jun 2021 11:55
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 05:29:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:27:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
SAM
6/3/2021 5:46:35 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	19043	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	7236	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery =	90.000%		
68) 1,2-Dichlorobenzene-d4	12.201	152	7276	0.852	ug/l	0.00
Spiked Amount 1.000			Recovery =	85.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	41868	5.551	ug/l	99
3) Chloromethane	1.526	50	44671	6.112	ug/l	99
4) Vinyl Chloride	1.610	62	41771	5.966	ug/l	99
5) Bromomethane	1.864	94	23101	5.222	ug/l	98
6) Chloroethane	1.941	64	24583	5.331	ug/l	99
7) Trichlorofluoromethane	2.147	101	47068	4.231	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	27802	4.852	ug/l	100
9) 1,1-Dichloroethene	2.591	96	25724	5.132	ug/l	100
10) Iodomethane	2.732	142	34813	4.547	ug/l	99
11) Allyl Chloride	2.935	41	42320	4.500	ug/l	99
12) Acrylonitrile	3.333	53	9449	6.906	ug/l	98
13) Acetone	2.639	43	11921	11.552	ug/l	99
14) Carbon Disulfide	2.803	76	88847	5.565	ug/l	100
15) Methylene Chloride	3.057	84	30520	5.014	ug/l	99
16) trans-1,2-Dichloroethene	3.362	96	27948	5.149	ug/l	97
17) 1,1-Dichloroethane	3.883	63	54182	4.911	ug/l	99
18) 2-Butanone	4.739	43	28389	14.757	ug/l	96
19) Cyclohexane	5.391	56	52126m	5.451	ug/l	
20) Methylcyclohexane	6.771	83	42535	5.118	ug/l	97
21) 2,2-Dichloropropane	4.677	77	43520	4.366	ug/l	100
22) cis-1,2-Dichloroethene	4.677	96	30035	4.934	ug/l	99
23) Diethyl Ether	2.388	59	21306	5.060	ug/l	98
24) tert-Butyl Alcohol	3.208	59	10666	38.867	ug/l #	91
25) Methyl tert-Butyl Ether	3.382	73	62465	4.312	ug/l	97
26) Bromochloromethane	4.989	128	12236	4.322	ug/l	98
27) Chloroform	5.102	83	51654	4.531	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	44536	4.337	ug/l	99
29) 1,1-Dichloropropene	5.533	75	40681	5.419	ug/l	99
30) Carbon Tetrachloride	5.530	117	39308	4.892	ug/l	100
31) Isopropyl Ether	4.015	45	86029	4.426	ug/l	99
32) Ethyl-t-butyl ether	4.526	59	75372	4.350	ug/l	97
33) Tert-Amyl methyl ether	5.964	73	59977	4.716	ug/l	97
34) Propionitrile	4.803	54	8869	20.972	ug/l #	90
35) Benzene	5.784	78	120190	5.650	ug/l	99
36) 1,2-Dichloroethane	5.809	62	34370	4.360	ug/l	99
37) Trichloroethene	6.549	130	27951	5.046	ug/l	99
38) 1,2-Dichloropropane	6.803	63	32928	5.449	ug/l	99
39) Methacrylonitrile	4.996	41	9315	3.420	ug/l	95
40) Methyl acrylate	4.867	55	13051	3.571	ug/l #	90
41) Tetrahydrofuran	5.083	42	7804	5.820	ug/l	94
42) 1-Chlorobutane	5.465	56	60006	5.411	ug/l	98
43) Dibromomethane	6.928	93	15863	4.949	ug/l	99
44) Bromodichloromethane	7.118	83	39621	5.197	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	88243	19.001	ug/l	98
46) t-1,4-Dichloro-2-butene	10.841	75	16437m	10.793	ug/l	
47) Methyl methacrylate	6.980	69	27812	9.811	ug/l	97
48) Ethyl methacrylate	8.349	69	24976	4.504	ug/l	99
49) Toluene	7.980	92	71349	5.494	ug/l	98
50) t-1,3-Dichloropropene	8.221	75	34405	5.068	ug/l	99
51) cis-1,3-Dichloropropene	7.619	75	38793	5.074	ug/l	98
52) 1,1,2-Trichloroethane	8.410	97	23110	5.140	ug/l	99
53) 1,3-Dichloropropane	8.587	76	40237	5.181	ug/l	99
54) 2-Hexanone	8.706	43	63210	19.194	ug/l	97
55) Dibromochloromethane	8.819	129	24984	4.774	ug/l	100
56) 1,2-Dibromoethane	8.935	107	20466	4.655	ug/l	99
58) Tetrachloroethene	8.562	164	27058	4.560	ug/l	99
59) Chlorobenzene	9.455	112	70112	4.882	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.542	131	26542	4.782	ug/l	99
61) Pentachloroethane	11.436	117	21591	5.029	ug/l	96
62) Hexachloroethane	12.484	117	22430	5.115	ug/l	96
63) Ethyl Benzene	9.578	91	123169	5.013	ug/l	100
64) m/p-Xylenes	9.703	106	106110	11.127	ug/l	100
65) o-Xylene	10.108	106	46824	5.117	ug/l	99
66) Styrene	10.124	104	86704	5.529	ug/l	99
67) Bromoform	10.301	173	13475	4.090	ug/l	98
69) Isopropylbenzene	10.494	105	124374	5.032	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.793	83	30038	5.130	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	22742m	5.024	ug/l	
72) Bromobenzene	10.790	156	29900	4.406	ug/l	99
73) n-propylbenzene	10.915	120	36051	5.194	ug/l	97
74) 2-Chlorotoluene	10.992	126	31366	5.015	ug/l	98
75) 1,3,5-Trimethylbenzene	11.095	105	118249	5.360	ug/l	100
76) 4-Chlorotoluene	11.105	126	35275	5.338	ug/l	98
77) tert-Butylbenzene	11.430	119	104620	4.817	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	122342	5.372	ug/l	100
79) sec-Butylbenzene	11.651	105	154581	5.236	ug/l	99
80) Nitrobenzene	13.217	77	5351	33.883	ug/l	96
81) p-Isopropyltoluene	11.803	119	129064	5.211	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	65428	4.804	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	66967	4.897	ug/l	99
84) n-Butylbenzene	12.217	91	125360	5.264	ug/l	100
85) 1,2-Dichlorobenzene	12.221	146	63006	4.738	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	4504	4.283	ug/l	96
87) 1,2,4-Trichlorobenzene	13.848	180	34314	3.941	ug/l	99
88) Hexachlorobutadiene	14.028	225	23374	3.990	ug/l	99
89) Naphthalene	14.095	128	54767	3.839	ug/l	99
90) 1,2,3-Trichlorobenzene	14.339	180	33881	4.074	ug/l	98

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

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