Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
Data File : VU044537.D
Acq On : 31 Aug 2021 18:42
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
9/1/2021 12:53:10 PM

Quant Time: Sep 01 00:37:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 00:35:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	20555	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	8006	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	9204	1.101	ug/l	0.00
Spiked Amount 1.000			Recovery = 110.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	43965	5.906	ug/l	100
3) Chloromethane	1.523	50	48160	5.938	ug/l	99
4) Vinyl Chloride	1.607	62	57419	6.766	ug/l	97
5) Bromomethane	1.861	94	43171	8.592	ug/l	95
6) Chloroethane	1.938	64	39109	7.163	ug/l	100
7) Trichlorofluoromethane	2.144	101	91722	8.944	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	55217	8.668	ug/l	99
9) 1,1-Dichloroethene	2.588	96	49937	8.154	ug/l	95
10) Iodomethane	2.729	142	60940	7.546	ug/l	99
11) Allyl Chloride	2.932	41	57467	6.276	ug/l	98
12) Acrylonitrile	3.330	53	18794	14.437	ug/l	99
13) Acetone	2.639	43	22664	35.558	ug/l	96
14) Carbon Disulfide	2.800	76	147922	7.548	ug/l	100
15) Methylene Chloride	3.054	84	62933	7.471	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	55312	8.143	ug/l	99
17) 1,1-Dichloroethane	3.880	63	91700	7.470	ug/l	99
18) 2-Butanone	4.735	43	46808	33.930	ug/l	99
19) Cyclohexane	5.388	56	81639m	7.277	ug/l	
20) Methylcyclohexane	6.767	83	48316	4.668	ug/l	98
21) 2,2-Dichloropropane	4.674	77	79227	7.787	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	62412	8.320	ug/l	98
23) Diethyl Ether	2.385	59	36027	7.332	ug/l	99
24) tert-Butyl Alcohol	3.211	59	17144	59.744	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	124835	7.598	ug/l	100
26) Bromochloromethane	4.983	128	29806	9.090	ug/l	99
27) Chloroform	5.099	83	104166	8.358	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	92819	8.808	ug/l	100
29) 1,1-Dichloropropene	5.530	75	40939	4.932	ug/l	98
30) Carbon Tetrachloride	5.526	117	42183	5.616	ug/l	95
31) Isopropyl Ether	4.012	45	128557	6.569	ug/l	98
32) Ethyl-t-butyl ether	4.520	59	141802	7.188	ug/l	99
33) Tert-Amyl methyl ether	5.960	73	69130	4.423	ug/l	98
34) Propionitrile	4.803	54	13534	34.261	ug/l #	97
35) Benzene	5.780	78	116832	4.822	ug/l	99
36) 1,2-Dichloroethane	5.806	62	37538	5.264	ug/l	98
37) Trichloroethene	6.549	130	34243	5.502	ug/l	99
38) 1,2-Dichloropropane	6.803	63	29577	4.632	ug/l	97
39) Methacrylonitrile	4.996	41	15019	6.712	ug/l	97
40) Methyl acrylate	4.864	55	25534	7.316	ug/l	98
41) Tetrahydrofuran	5.083	42	13594	13.214	ug/l	94
42) 1-Chlorobutane	5.462	56	52195	4.491	ug/l	99
43) Dibromomethane	6.928	93	18411	5.634	ug/l	97
44) Bromodichloromethane	7.115	83	42298	5.439	ug/l	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 01 00:37:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 00:35:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	95271	22.376	ug/l		97
46) t-1,4-Dichloro-2-butene	10.841	75	15327m	8.542	ug/l		
47) Methyl methacrylate	6.976	69	30780	8.919	ug/l		97
48) Ethyl methacrylate	8.346	69	30801	4.296	ug/l		97
49) Toluene	7.976	92	77931	5.036	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	37342	4.756	ug/l		96
51) cis-1,3-Dichloropropene	7.616	75	42221	4.577	ug/l		99
52) 1,1,2-Trichloroethane	8.410	97	25991	5.381	ug/l		99
53) 1,3-Dichloropropane	8.584	76	45156	5.180	ug/l		99
54) 2-Hexanone	8.700	43	66398	21.900	ug/l		99
55) Dibromochloromethane	8.819	129	29967	5.684	ug/l		99
56) 1,2-Dibromoethane	8.931	107	25806	5.455	ug/l		99
58) Tetrachloroethene	8.558	164	31856	5.897	ug/l		97
59) Chlorobenzene	9.452	112	88403	5.350	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	31670	5.685	ug/l		99
61) Pentachloroethane	11.436	117	25609	5.706	ug/l		94
62) Hexachloroethane	12.481	117	25425	5.467	ug/l		99
63) Ethyl Benzene	9.578	91	149947	5.116	ug/l		100
64) m/p-Xylenes	9.700	106	122677	10.818	ug/l		99
65) o-Xylene	10.108	106	58232	5.327	ug/l		100
66) Styrene	10.121	104	99835	5.288	ug/l		99
67) Bromoform	10.298	173	16201	5.496	ug/l		100
69) Isopropylbenzene	10.491	105	151455	5.199	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	33932	5.337	ug/l		99
71) 1,2,3-Trichloropropane	10.832	75	22741m	4.425	ug/l		
72) Bromobenzene	10.790	156	37744	5.506	ug/l		98
73) n-propylbenzene	10.912	120	43419	5.483	ug/l		97
74) 2-Chlorotoluene	10.992	126	37010	5.404	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	133360	5.348	ug/l		99
76) 4-Chlorotoluene	11.102	126	40431	5.629	ug/l		100
77) tert-Butylbenzene	11.426	119	130728	5.358	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	134002	5.306	ug/l		98
79) sec-Butylbenzene	11.648	105	178242	5.366	ug/l		100
80) Nitrobenzene	13.214	77	4251	23.044	ug/l	#	95
81) p-Isopropyltoluene	11.799	119	148355	5.375	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	77415	5.660	ug/l		98
83) 1,4-Dichlorobenzene	11.841	146	77635	5.614	ug/l		99
84) n-Butylbenzene	12.214	91	139440	5.206	ug/l		100
85) 1,2-Dichlorobenzene	12.217	146	76017	5.694	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	5689	5.229	ug/l		99
87) 1,2,4-Trichlorobenzene	13.848	180	47570	5.158	ug/l		99
88) Hexachlorobutadiene	14.028	225	26989	5.944	ug/l		99
89) Naphthalene	14.092	128	87950	4.804	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	46493	5.495	ug/l		99

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

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