Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
Data File : VU050211.D
Acq On : 10 Aug 2022 10:37
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 10 11:04:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 09:58:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	29372	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9967	0.926	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	10410	1.051	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	49214	4.375	ug/l	98
3) Chloromethane	1.517	50	61104	5.311	ug/l	100
4) Vinyl Chloride	1.600	62	57777	5.508	ug/l	100
5) Bromomethane	1.854	94	16524	3.020	ug/l	100
6) Chloroethane	1.932	64	34040	5.794	ug/l	98
7) Trichlorofluoromethane	2.134	101	62267	4.953	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	32801	4.965	ug/l	98
9) 1,1-Dichloroethene	2.575	96	37389	5.614	ug/l	94
10) Iodomethane	2.716	142	32003	3.788	ug/l	93
11) Allyl Chloride	2.922	41	53451	4.707	ug/l	98
12) Acrylonitrile	3.330	53	22247	12.495	ug/l	96
13) Acetone	2.658	43	38921	27.703	ug/l	89
14) Carbon Disulfide	2.790	76	135700	6.189	ug/l	100
15) Methylene Chloride	3.041	84	50283	6.029	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	42758	6.114	ug/l	91
17) 1,1-Dichloroethane	3.867	63	79893	5.524	ug/l	99
18) 2-Butanone	4.723	43	64768	27.046	ug/l	99
19) Cyclohexane	5.388	56	53729m	3.887	ug/l	
20) Methylcyclohexane	6.764	83	51856	3.806	ug/l	99
21) 2,2-Dichloropropane	4.665	77	56791	4.799	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	47923	5.556	ug/l	97
23) Diethyl Ether	2.375	59	34275	6.041	ug/l	98
24) tert-Butyl Alcohol	3.266	59	30096m	46.496	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	98472	5.288	ug/l	94
26) Bromochloromethane	4.977	128	22536	6.206	ug/l	94
27) Chloroform	5.089	83	81950	5.758	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	64718	5.157	ug/l	100
29) 1,1-Dichloropropene	5.526	75	55151	4.921	ug/l	99
30) Carbon Tetrachloride	5.523	117	54022	5.112	ug/l	98
31) Isopropyl Ether	3.993	45	110651	4.461	ug/l	92
32) Ethyl-t-butyl ether	4.504	59	103561	4.412	ug/l	97
33) Tert-Amyl methyl ether	5.941	73	93566	4.584	ug/l	99
34) Propionitrile	4.803	54	21748	31.671	ug/l #	83
35) Benzene	5.774	78	181989	5.698	ug/l	98
36) 1,2-Dichloroethane	5.793	62	51705	5.694	ug/l	98
37) Trichloroethene	6.542	130	42676	5.287	ug/l	98
38) 1,2-Dichloropropane	6.793	63	48918	5.785	ug/l	99
39) Methacrylonitrile	4.977	41	14174	4.818	ug/l #	93
40) Methyl acrylate	4.851	55	25106	5.449	ug/l #	98
41) Tetrahydrofuran	5.070	42	16776	9.646	ug/l	100
42) 1-Chlorobutane	5.459	56	76592	4.873	ug/l	95
43) Dibromomethane	6.919	93	25872	6.141	ug/l	97
44) Bromodichloromethane	7.105	83	60181	5.960	ug/l	96

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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Time: Aug 10 11:04:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 09:58:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	143819	25.152	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	23069m	12.398	ug/l	
47) Methyl methacrylate	6.964	69	46350	10.911	ug/l	92
48) Ethyl methacrylate	8.333	69	41928	4.920	ug/l	90
49) Toluene	7.970	92	106136	5.442	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	52863	5.420	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	62216	5.383	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	36578	6.291	ug/l	99
53) 1,3-Dichloropropane	8.574	76	61054	5.850	ug/l	99
54) 2-Hexanone	8.687	43	100072	25.200	ug/l	99
55) Dibromochloromethane	8.809	129	40108	6.039	ug/l	98
56) 1,2-Dibromoethane	8.925	107	33795	6.002	ug/l	100
58) Tetrachloroethene	8.552	164	35815	5.336	ug/l	99
59) Chlorobenzene	9.446	112	108048	5.295	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	42474	5.853	ug/l	97
61) Pentachloroethane	11.426	117	34240	6.145	ug/l	96
62) Hexachloroethane	12.475	117	26676	4.780	ug/l	99
63) Ethyl Benzene	9.571	91	182978	4.983	ug/l	99
64) m/p-Xylenes	9.693	106	145165	10.686	ug/l	99
65) o-Xylene	10.102	106	70151	5.254	ug/l	98
66) Styrene	10.115	104	114123	5.320	ug/l	97
67) Bromoform	10.291	173	23086	6.092	ug/l	99
69) Isopropylbenzene	10.484	105	170294	4.775	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	47814	6.330	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	37342m	5.971	ug/l	
72) Bromobenzene	10.783	156	44527	5.541	ug/l	98
73) n-propylbenzene	10.906	120	42985	4.777	ug/l	99
74) 2-Chlorotoluene	10.986	126	44687	5.569	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	153981	5.165	ug/l	99
76) 4-Chlorotoluene	11.098	126	45042	5.597	ug/l	92
77) tert-Butylbenzene	11.420	119	143270	4.881	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	154187	5.152	ug/l	98
79) sec-Butylbenzene	11.645	105	177217	4.603	ug/l	98
80) Nitrobenzene	13.208	77	9010	29.157	ug/l	98
81) p-Isopropyltoluene	11.793	119	140619	4.502	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	86429	5.560	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	84164	5.365	ug/l	99
84) n-Butylbenzene	12.208	91	117441	4.038	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	83351	5.535	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	7381	5.603	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	45885	4.516	ug/l	97
88) Hexachlorobutadiene	14.021	225	26034	5.028	ug/l	99
89) Naphthalene	14.086	128	90319	4.240	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	47141	4.859	ug/l	99

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

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