Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042203.D
Acq On : 28 Jan 2021 13:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 07:38:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 07:37:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
SAM
2/3/2021 5:09:50 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	15360	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	5953	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	5981	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	5264	0.89	ug/l		98
3) Chloromethane	1.526	50	5248	0.96	ug/l		98
4) Vinyl Chloride	1.610	62	4659	0.90	ug/l		98
5) Bromomethane	1.864	94	2479	0.75	ug/l		96
6) Chloroethane	1.941	64	2589	0.87	ug/l		90
7) Trichlorofluoromethane	2.147	101	6449	0.89	ug/l		97
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	3546	0.91	ug/l		98
9) 1,1-Dichloroethene	2.591	96	3196	0.91	ug/l		99
10) Iodomethane	2.732	142	4297	0.89	ug/l		98
11) Allyl Chloride	2.935	41	7087	1.03	ug/l		99
12) Acrylonitrile	3.333	53	1524	1.83	ug/l		98
13) Acetone	2.642	43	2782	4.75	ug/l		94
14) Carbon Disulfide	2.803	76	10515	0.91	ug/l		97
15) Methylene Chloride	3.057	84	4600	1.15	ug/l		97
16) trans-1,2-Dichloroethene	3.366	96	3332	0.89	ug/l		91
17) 1,1-Dichloroethane	3.883	63	6735	0.92	ug/l		97
18) 2-Butanone	4.739	43	5824	5.30	ug/l		96
19) Cyclohexane	5.394	56	6812m	1.02	ug/l		
20) Methylcyclohexane	6.767	83	7229	0.99	ug/l		98
21) 2,2-Dichloropropane	4.677	77	6634	0.92	ug/l		98
22) cis-1,2-Dichloroethene	4.681	96	3903	0.94	ug/l		96
23) Diethyl Ether	2.385	59	2484	0.86	ug/l		91
24) tert-Butyl Alcohol	3.224	59	1640	7.06	ug/l	#	72
25) Methyl tert-Butyl Ether	3.378	73	9642	0.94	ug/l	#	82
26) Bromochloromethane	4.989	128	1721	0.91	ug/l		97
27) Chloroform	5.102	83	6919	0.94	ug/l		92
28) 1,1,1-Trichloroethane	5.327	97	6353	0.92	ug/l		99
29) 1,1-Dichloropropene	5.533	75	5525	0.92	ug/l		97
30) Carbon Tetrachloride	5.533	117	5776	0.91	ug/l		96
31) Isopropyl Ether	4.012	45	12948	0.95	ug/l		97
32) Ethyl-t-butyl ether	4.526	59	11401	0.93	ug/l		100
33) Tert-Amyl methyl ether	5.960	73	10962	0.97	ug/l		99
34) Propionitrile	4.806	54	1447	5.16	ug/l	#	77
35) Benzene	5.784	78	15200	0.92	ug/l		100
36) 1,2-Dichloroethane	5.806	62	5591	0.95	ug/l		96
37) Trichloroethene	6.552	130	4163	0.93	ug/l		98
38) 1,2-Dichloropropane	6.806	63	4097	0.92	ug/l		98
39) Methacrylonitrile	4.996	41	1273m	0.73	ug/l		
40) Methyl acrylate	4.867	55	2235m	0.95	ug/l		
41) Tetrahydrofuran	5.083	42	1448m	1.69	ug/l		
42) 1-Chlorobutane	5.468	56	8633	0.96	ug/l		94
43) Dibromomethane	6.931	93	2166	0.91	ug/l		96
44) Bromodichloromethane	7.118	83	5130	0.86	ug/l		95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042203.D
Acq On : 28 Jan 2021 13:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 07:38:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 07:37:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
SAM
2/3/2021 5:09:50 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	18697	5.03	ug/l		99
46) t-1,4-Dichloro-2-butene	10.844	75	2289m	1.74	ug/l		
47) Methyl methacrylate	6.980	69	4459	1.83	ug/l		95
48) Ethyl methacrylate	8.349	69	4767	0.96	ug/l		100
49) Toluene	7.980	92	9542	0.91	ug/l		97
50) t-1,3-Dichloropropene	8.224	75	5128	0.87	ug/l		93
51) cis-1,3-Dichloropropene	7.616	75	6050	0.90	ug/l		100
52) 1,1,2-Trichloroethane	8.410	97	2971	0.92	ug/l		96
53) 1,3-Dichloropropane	8.587	76	5361	0.92	ug/l		98
54) 2-Hexanone	8.703	43	13122	5.05	ug/l		99
55) Dibromochloromethane	8.822	129	3403	0.84	ug/l		99
56) 1,2-Dibromoethane	8.935	107	2876	0.87	ug/l		98
58) Tetrachloroethene	8.562	164	3498	0.81	ug/l		97
59) Chlorobenzene	9.455	112	10365	0.94	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.545	131	3662	0.85	ug/l		98
61) Pentachloroethane	11.436	117	2924	0.96	ug/l		95
62) Hexachloroethane	12.484	117	2940	0.90	ug/l		92
63) Ethyl Benzene	9.578	91	18734	0.94	ug/l		97
64) m/p-Xylenes	9.703	106	13818	1.86	ug/l		99
65) o-Xylene	10.111	106	6992	0.95	ug/l		95
66) Styrene	10.121	104	11147	0.91	ug/l		99
67) Bromoform	10.304	173	2040	0.78	ug/l	#	94
69) Isopropylbenzene	10.494	105	18469	0.93	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	3778	0.93	ug/l		99
71) 1,2,3-Trichloropropane	10.835	75	3173m	0.98	ug/l		
72) Bromobenzene	10.790	156	4738	0.95	ug/l		97
73) n-propylbenzene	10.915	120	4816	0.94	ug/l		96
74) 2-Chlorotoluene	10.996	126	4336	0.94	ug/l		93
75) 1,3,5-Trimethylbenzene	11.098	105	15955	0.95	ug/l		100
76) 4-Chlorotoluene	11.105	126	4437	0.94	ug/l		97
77) tert-Butylbenzene	11.430	119	15702	0.94	ug/l		97
78) 1,2,4-Trimethylbenzene	11.478	105	15971	0.96	ug/l		99
79) sec-Butylbenzene	11.651	105	20197	0.96	ug/l		98
80) Nitrobenzene	13.224	77	393	3.34	ug/l	#	54
81) p-Isopropyltoluene	11.803	119	17193	0.97	ug/l		98
82) 1,3-Dichlorobenzene	11.754	146	8637	0.94	ug/l		99
83) 1,4-Dichlorobenzene	11.848	146	8844	0.97	ug/l		98
84) n-Butylbenzene	12.217	91	16358	1.04	ug/l		97
85) 1,2-Dichlorobenzene	12.221	146	8572	0.97	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.012	75	795	0.97	ug/l		87
87) 1,2,4-Trichlorobenzene	13.851	180	6216	1.03	ug/l		99
88) Hexachlorobutadiene	14.031	225	3781	1.05	ug/l		97
89) Naphthalene	14.098	128	11749	1.09	ug/l		98
90) 1,2,3-Trichlorobenzene	14.339	180	5968	1.05	ug/l		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042203.D
Acq On : 28 Jan 2021 13:18
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 07:38:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 07:37:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
SAM
2/3/2021 5:09:50 PM