Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036527.D
Acq On : 22 Jan 2020 15:46
Operator : JC/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Quant Time: Jan 22 22:24:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	36312	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13294	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	14622	1.16	ug/l	0.00
Spiked Amount 1.000			Recovery = 116.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	61783	5.947	ug/l	99
3) Chloromethane	1.54	50	65028	4.837	ug/l	98
4) Vinyl Chloride	1.62	62	74400	4.820	ug/l	100
5) Bromomethane	1.88	94	43976	5.365	ug/l	100
6) Chloroethane	1.95	64	39679	4.404	ug/l	97
7) Trichlorofluoromethane	2.16	101	73533	4.102	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45614	4.861	ug/l	99
9) 1,1-Dichloroethene	2.61	96	48606	5.079	ug/l	98
10) Iodomethane	2.75	142	57288	4.999	ug/l	99
11) Allyl Chloride	2.95	41	68314	3.640	ug/l	100
12) Acrylonitrile	3.37	53	24643	9.178	ug/l	94
13) Acetone	2.68	43	41571	12.912	ug/l	99
14) Carbon Disulfide	2.82	76	167779	4.694	ug/l	100
15) Methylene Chloride	3.08	84	57447	4.556	ug/l	96
16) trans-1,2-Dichloroethene	3.39	96	53349	4.984	ug/l	99
17) 1,1-Dichloroethane	3.92	63	86683	4.531	ug/l	99
18) 2-Butanone	4.78	43	62932	18.149	ug/l	98
19) Cyclohexane	5.42	56	81066m	4.361	ug/l	
20) Methylcyclohexane	6.80	83	91512	4.963	ug/l	100
21) 2,2-Dichloropropane	4.71	77	75074	4.340	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	54955	5.067	ug/l	99
23) Diethyl Ether	2.41	59	37291	4.469	ug/l	99
24) tert-Butyl Alcohol	3.29	59	34646	40.127	ug/l	99
25) Methyl tert-Butyl Ether	3.42	73	127933	4.369	ug/l	99
26) Bromochloromethane	5.02	128	24119	5.549	ug/l	98
27) Chloroform	5.13	83	86917	4.563	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	72900	4.323	ug/l	99
29) 1,1-Dichloropropene	5.56	75	71119	4.616	ug/l	99
30) Carbon Tetrachloride	5.56	117	62418	4.401	ug/l	97
31) Isopropyl Ether	4.06	45	132313	4.110	ug/l	100
32) Ethyl-t-butyl ether	4.56	59	138266	4.391	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	127412	4.452	ug/l	99
34) Propionitrile	4.85	54	20181	23.330	ug/l #	97
35) Benzene	5.81	78	204368	4.743	ug/l	100
36) 1,2-Dichloroethane	5.84	62	54764	3.969	ug/l	99
37) Trichloroethene	6.58	130	56850	5.434	ug/l	99
38) 1,2-Dichloropropane	6.83	63	51374	4.541	ug/l	98
39) Methacrylonitrile	5.03	41	15972	3.897	ug/l	97
40) Methyl acrylate	4.91	55	27334	4.495	ug/l	99
41) Tetrahydrofuran	5.13	42	16546	7.785	ug/l	98
42) 1-Chlorobutane	5.50	56	91008	4.078	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 22 22:24:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 22 22:08:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.95	93	27339	4.705 ug/l	99
44) Bromodichloromethane	7.14	83	63282	4.231 ug/l	100
45) 4-Methyl-2-Pentanone	7.83	43	151217	18.817 ug/l	99
46) t-1,4-Dichloro-2-butene	10.86	75	22700m	6.959 ug/l	
47) Methyl methacrylate	7.00	69	52511	9.476 ug/l	99
48) Ethyl methacrylate	8.37	69	51522	4.704 ug/l	100
49) Toluene	8.00	92	130966	4.901 ug/l	99
50) t-1,3-Dichloropropene	8.24	75	64968	4.426 ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	77371	4.561 ug/l	100
52) 1,1,2-Trichloroethane	8.43	97	38493	4.996 ug/l	96
53) 1,3-Dichloropropane	8.61	76	66080	4.595 ug/l	99
54) 2-Hexanone	8.73	43	107710	19.468 ug/l	99
55) Dibromochloromethane	8.84	129	44222	4.901 ug/l	99
56) 1,2-Dibromoethane	8.95	107	37380	4.936 ug/l	100
58) Tetrachloroethene	8.58	164	52775	6.107 ug/l	99
59) Chlorobenzene	9.47	112	144204	5.112 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	47616	4.985 ug/l	98
61) Pentachloroethane	11.45	117	34161	4.347 ug/l	100
62) Hexachloroethane	12.50	117	39044	4.732 ug/l	98
63) Ethyl Benzene	9.60	91	246965	4.815 ug/l	97
64) m/p-Xylenes	9.72	106	194465	10.253 ug/l	98
65) o-Xylene	10.12	106	94048	5.080 ug/l	100
66) Styrene	10.14	104	156995	5.139 ug/l	100
67) Bromoform	10.32	173	25543	5.717 ug/l	98
69) Isopropylbenzene	10.51	105	245258	4.928 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	49138	4.734 ug/l	96
71) 1,2,3-Trichloropropane	10.85	75	32845m	4.148 ug/l	
72) Bromobenzene	10.81	156	60066	5.702 ug/l	99
73) n-propylbenzene	10.93	120	70766	5.303 ug/l	98
74) 2-Chlorotoluene	11.01	126	59045	5.160 ug/l	97
75) 1,3,5-Trimethylbenzene	11.11	105	211921	5.018 ug/l	100
76) 4-Chlorotoluene	11.12	126	62692	5.319 ug/l	99
77) tert-Butylbenzene	11.44	119	203034	5.018 ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	217894	4.981 ug/l	100
79) sec-Butylbenzene	11.66	105	278363	4.957 ug/l	100
80) Nitrobenzene	13.23	77	3716	20.413 ug/l	99
81) p-Isopropyltoluene	11.81	119	234923	5.246 ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	119262	5.403 ug/l	100
83) 1,4-Dichlorobenzene	11.86	146	119721	5.477 ug/l	100
84) n-Butylbenzene	12.23	91	219828	4.664 ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	113246	5.423 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	7910	4.193 ug/l	96
87) 1,2,4-Trichlorobenzene	13.86	180	76239	5.749 ug/l	99
88) Hexachlorobutadiene	14.04	225	40171	6.452 ug/l	99
89) Naphthalene	14.10	128	131815	5.011 ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	70335	5.775 ug/l	99

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

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