Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035537.D
Acq On : 29 Oct 2019 12:28
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:38:42 AM

Quant Time: Oct 30 05:28:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	71491	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	25469	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
68) 1,2-Dichlorobenzene-d4	12.22	152	26657	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	58303	2.218	ug/l	100
3) Chloromethane	1.54	50	71157	2.425	ug/l	98
4) Vinyl Chloride	1.62	62	61749	2.166	ug/l	100
5) Bromomethane	1.88	94	30851	1.894	ug/l	99
6) Chloroethane	1.95	64	37230	2.259	ug/l	97
7) Trichlorofluoromethane	2.16	101	77348	2.208	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42177	2.229	ug/l	98
9) 1,1-Dichloroethene	2.61	96	40382	2.130	ug/l	94
10) Iodomethane	2.75	142	15753	0.958	ug/l	99
11) Allyl Chloride	2.96	41	67235	2.150	ug/l	99
12) Acrylonitrile	3.37	53	19496	4.770	ug/l	98
13) Acetone	2.67	43	47870	13.887	ug/l	100
14) Carbon Disulfide	2.83	76	142947	2.146	ug/l	99
15) Methylene Chloride	3.08	84	52495	2.349	ug/l	94
16) trans-1,2-Dichloroethene	3.39	96	44636	2.108	ug/l	97
17) 1,1-Dichloroethane	3.92	63	85144	2.116	ug/l	97
18) 2-Butanone	4.79	43	59231	12.184	ug/l	97
19) Cyclohexane	5.43	56	62029m	2.003	ug/l	
20) Methylcyclohexane	6.80	83	65020	1.989	ug/l	97
21) 2,2-Dichloropropane	4.72	77	71402	2.150	ug/l	98
22) cis-1,2-Dichloroethene	4.72	96	45864	1.999	ug/l	93
23) Diethyl Ether	2.41	59	32601	2.258	ug/l	98
24) tert-Butyl Alcohol	3.26	59	41385	20.846	ug/l	98
25) Methyl tert-Butyl Ether	3.43	73	107249	2.321	ug/l	98
26) Bromochloromethane	5.03	128	21197	2.177	ug/l	98
27) Chloroform	5.14	83	87231	2.075	ug/l	98
28) 1,1,1-Trichloroethane	5.36	97	70309	2.136	ug/l	98
29) 1,1-Dichloropropene	5.57	75	57829	2.040	ug/l	99
30) Carbon Tetrachloride	5.57	117	63594	2.157	ug/l	98
31) Isopropyl Ether	4.07	45	111234	1.927	ug/l	94
32) Ethyl-t-butyl ether	4.58	59	103277	2.063	ug/l	100
33) Tert-Amyl methyl ether	6.01	73	90293	2.144	ug/l	99
34) Propionitrile	4.85	54	19526	14.041	ug/l #	94
35) Benzene	5.82	78	180482	2.121	ug/l	98
36) 1,2-Dichloroethane	5.84	62	53259	2.404	ug/l	98
37) Trichloroethene	6.58	130	50000	2.104	ug/l	100
38) 1,2-Dichloropropane	6.83	63	50227	2.217	ug/l	99
39) Methacrylonitrile	5.04	41	13263	2.308	ug/l	97
40) Methyl acrylate	4.92	55	19895	2.268	ug/l	98
41) Tetrahydrofuran	5.14	42	12780	4.349	ug/l #	42
42) 1-Chlorobutane	5.50	56	77802	2.022	ug/l	95

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Quant Time: Oct 30 05:28:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	24558	2.264	ug/l		98
44) Bromodichloromethane	7.15	83	61893	2.247	ug/l		99
45) 4-Methyl-2-Pentanone	7.84	43	123327	11.140	ug/l		98
46) t-1,4-Dichloro-2-butene	10.87	75	18823m	4.085	ug/l		
47) Methyl methacrylate	7.01	69	38541	4.451	ug/l		96
48) Ethyl methacrylate	8.38	69	32930	2.107	ug/l		98
49) Toluene	8.01	92	102552	2.068	ug/l		98
50) t-1,3-Dichloropropene	8.25	75	51947	2.245	ug/l		100
51) cis-1,3-Dichloropropene	7.65	75	62276	2.174	ug/l		99
52) 1,1,2-Trichloroethane	8.44	97	35145	2.339	ug/l		96
53) 1,3-Dichloropropane	8.61	76	58007	2.302	ug/l		100
54) 2-Hexanone	8.74	43	84560	11.326	ug/l		97
55) Dibromochloromethane	8.84	129	42481	2.324	ug/l		96
56) 1,2-Dibromoethane	8.96	107	32373	2.332	ug/l		95
58) Tetrachloroethene	8.58	164	45725	2.033	ug/l		98
59) Chlorobenzene	9.48	112	117880	2.117	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.57	131	45533	2.201	ug/l		99
61) Pentachloroethane	11.46	117	37417	2.224	ug/l		96
62) Hexachloroethane	12.50	117	33381	2.223	ug/l		98
63) Ethyl Benzene	9.60	91	172775	1.946	ug/l		98
64) m/p-Xylenes	9.73	106	139175	3.883	ug/l	#	1
65) o-Xylene	10.13	106	67963	1.989	ug/l		98
66) Styrene	10.15	104	109383	1.910	ug/l		99
67) Bromoform	10.32	173	25863	2.374	ug/l		99
69) Isopropylbenzene	10.51	105	173916	1.949	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	46534	2.394	ug/l	#	66
71) 1,2,3-Trichloropropane	10.85	75	33267m	2.454	ug/l		
72) Bromobenzene	10.81	156	50446	2.074	ug/l		97
73) n-propylbenzene	10.93	120	47212	1.835	ug/l		96
74) 2-Chlorotoluene	11.01	126	47892	2.059	ug/l		100
75) 1,3,5-Trimethylbenzene	11.11	105	144761	1.830	ug/l		99
76) 4-Chlorotoluene	11.13	126	48264	2.034	ug/l		99
77) tert-Butylbenzene	11.45	119	150245	1.944	ug/l		99
78) 1,2,4-Trimethylbenzene	11.49	105	144786	1.812	ug/l		100
79) sec-Butylbenzene	11.67	105	190414	1.839	ug/l		99
80) Nitrobenzene	13.24	77	2958	7.443	ug/l	#	91
81) p-Isopropyltoluene	11.82	119	149918	1.748	ug/l	#	67
82) 1,3-Dichlorobenzene	11.77	146	97047	1.940	ug/l		99
83) 1,4-Dichlorobenzene	11.86	146	91941	1.851	ug/l		99
84) n-Butylbenzene	12.23	91	117067	1.498	ug/l		99
85) 1,2-Dichlorobenzene	12.24	146	89650	1.965	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5568	2.174	ug/l		98
87) 1,2,4-Trichlorobenzene	13.87	180	29771	1.198	ug/l		99
88) Hexachlorobutadiene	14.04	225	34845	1.795	ug/l		94
89) Naphthalene	14.11	128	33733	1.038	ug/l		98
90) 1,2,3-Trichlorobenzene	14.36	180	30732	1.329	ug/l		97

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

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