Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
Data File : VU035552.D
Acq On : 30 Oct 2019 11:00
Operator : JC/SP
Sample : VU1030WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 01:22:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:13:39 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBS01

Manual Integrations APPROVED
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10/31/2019 4:09:20 PM
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	65816	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	24180	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	12.22	152	25484	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	52971	2.055	ug/l		99
3) Chloromethane	1.54	50	60667	1.921	ug/l		98
4) Vinyl Chloride	1.62	62	55193	1.972	ug/l		98
5) Bromomethane	1.88	94	27099	1.904	ug/l		98
6) Chloroethane	1.96	64	31601	1.964	ug/l		98
7) Trichlorofluoromethane	2.16	101	68808	1.989	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	37892	2.021	ug/l		99
9) 1,1-Dichloroethene	2.61	96	34887	1.929	ug/l		99
10) Iodomethane	2.75	142	13886	1.803	ug/l		99
11) Allyl Chloride	2.96	41	59755	1.966	ug/l		100
12) Acrylonitrile	3.37	53	17405m	3.833	ug/l		
13) Acetone	2.67	43	38410	8.716	ug/l		97
14) Carbon Disulfide	2.83	76	126470	1.978	ug/l		100
15) Methylene Chloride	3.08	84	44948	1.933	ug/l		97
16) trans-1,2-Dichloroethene	3.39	96	38636	1.942	ug/l		99
17) 1,1-Dichloroethane	3.92	63	75910	2.037	ug/l		98
18) 2-Butanone	4.79	43	47607	8.335	ug/l		99
19) Cyclohexane	5.43	56	50749m	1.719	ug/l		
20) Methylcyclohexane	6.80	83	51397	1.697	ug/l		94
21) 2,2-Dichloropropane	4.72	77	61155	1.902	ug/l		99
22) cis-1,2-Dichloroethene	4.72	96	41052	1.928	ug/l		97
23) Diethyl Ether	2.41	59	29216	1.959	ug/l		98
24) tert-Butyl Alcohol	3.26	59	45175	27.176	ug/l	#	94
25) Methyl tert-Butyl Ether	3.43	73	97388	2.008	ug/l		98
26) Bromochloromethane	5.03	128	19276	2.028	ug/l		97
27) Chloroform	5.14	83	78462	1.971	ug/l		92
28) 1,1,1-Trichloroethane	5.36	97	62862	1.993	ug/l		98
29) 1,1-Dichloropropene	5.57	75	48596	1.837	ug/l		99
30) Carbon Tetrachloride	5.57	117	55799	1.989	ug/l		99
31) Isopropyl Ether	4.07	45	95879	1.843	ug/l		92
32) Ethyl-t-butyl ether	4.57	59	89206	1.852	ug/l		100
33) Tert-Amyl methyl ether	6.01	73	75589	1.824	ug/l		98
34) Propionitrile	4.85	54	15144	9.154	ug/l		94
35) Benzene	5.82	78	158557	1.965	ug/l		98
36) 1,2-Dichloroethane	5.84	62	45656	1.974	ug/l		100
37) Trichloroethene	6.58	130	40577	1.810	ug/l		98
38) 1,2-Dichloropropane	6.84	63	43115	1.948	ug/l		96
39) Methacrylonitrile	5.04	41	10555	1.699	ug/l	#	90
40) Methyl acrylate	4.92	55	14716	1.556	ug/l	#	92
41) Tetrahydrofuran	5.14	42	11670	3.654	ug/l	#	39
42) 1-Chlorobutane	5.50	56	65867	1.810	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	22110	2.000	ug/l		98
44) Bromodichloromethane	7.15	83	56331	2.045	ug/l		98
45) 4-Methyl-2-Pentanone	7.85	43	107635	9.130	ug/l		97
46) t-1,4-Dichloro-2-butene	10.88	75	18271m	4.264	ug/l		
47) Methyl methacrylate	7.02	69	33712	3.682	ug/l		95
48) Ethyl methacrylate	8.38	69	27395	1.712	ug/l		91
49) Toluene	8.01	92	88077	1.897	ug/l		99
50) t-1,3-Dichloropropene	8.25	75	45076	1.848	ug/l		96
51) cis-1,3-Dichloropropene	7.65	75	54346	1.878	ug/l		98
52) 1,1,2-Trichloroethane	8.44	97	32665	2.108	ug/l		96
53) 1,3-Dichloropropane	8.61	76	53487	2.037	ug/l		97
54) 2-Hexanone	8.75	43	68989	8.234	ug/l		95
55) Dibromochloromethane	8.85	129	38664	2.044	ug/l		96
56) 1,2-Dibromoethane	8.96	107	26837	1.893	ug/l		95
58) Tetrachloroethene	8.59	164	42176	2.052	ug/l		94
59) Chlorobenzene	9.48	112	99542	1.860	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.57	131	42080	2.045	ug/l		97
61) Pentachloroethane	11.46	117	34474	2.056	ug/l		96
62) Hexachloroethane	12.50	117	29550	1.929	ug/l		97
63) Ethyl Benzene	9.60	91	146820	1.766	ug/l		98
64) m/p-Xylenes	9.73	106	117294	3.574	ug/l	#	5
65) o-Xylene	10.13	106	57048	1.799	ug/l		100
66) Styrene	10.15	104	91863	1.750	ug/l		99
67) Bromoform	10.32	173	23355	1.990	ug/l		98
69) Isopropylbenzene	10.51	105	148686	1.798	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.82	83	41673	2.017	ug/l	#	65
71) 1,2,3-Trichloropropane	10.86	75	32079m	2.068	ug/l		
72) Bromobenzene	10.82	156	45036	1.955	ug/l		95
73) n-propylbenzene	10.93	120	38530	1.669	ug/l		97
74) 2-Chlorotoluene	11.02	126	39385	1.819	ug/l		97
75) 1,3,5-Trimethylbenzene	11.12	105	115648	1.697	ug/l		100
76) 4-Chlorotoluene	11.13	126	40483	1.841	ug/l		97
77) tert-Butylbenzene	11.45	119	123738	1.771	ug/l		100
78) 1,2,4-Trimethylbenzene	11.50	105	109190	1.584	ug/l		99
79) sec-Butylbenzene	11.67	105	148756	1.664	ug/l		98
80) Nitrobenzene	13.23	77	2511	3.627	ug/l	#	88
81) p-Isopropyltoluene	11.82	119	108317	1.515	ug/l	#	68
82) 1,3-Dichlorobenzene	11.78	146	78002	1.778	ug/l		97
83) 1,4-Dichlorobenzene	11.87	146	76593	1.820	ug/l		99
84) n-Butylbenzene	12.24	91	82039	1.398	ug/l		96
85) 1,2-Dichlorobenzene	12.24	146	74100	1.793	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	4919	1.870	ug/l		95
87) 1,2,4-Trichlorobenzene	13.87	180	21082	1.636	ug/l		98
88) Hexachlorobutadiene	14.04	225	25755	1.674	ug/l		97
89) Naphthalene	14.11	128	24271	1.565	ug/l		99
90) 1,2,3-Trichlorobenzene	14.36	180	22413	1.624	ug/l		100

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

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