Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033206.D
Acq On : 11 Jul 2019 23:41
Operator : JC/SP
Sample : VU0711WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Manual Integrations APPROVED

Quant Time: Jul 12 06:51:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	30513	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11781	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	12228	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24342	2.042	ug/l	99
3) Chloromethane	1.33	50	27662	1.986	ug/l	99
4) Vinyl Chloride	1.40	62	29383	2.047	ug/l	99
5) Bromomethane	1.62	94	20030	2.236	ug/l	97
6) Chloroethane	1.69	64	18436	2.094	ug/l	98
7) Trichlorofluoromethane	1.88	101	40771	2.099	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	20790	2.085	ug/l	98
9) 1,1-Dichloroethene	2.27	96	20604	2.047	ug/l	98
10) Iodomethane	2.40	142	20007	1.883	ug/l	99
11) Allyl Chloride	2.58	41	32568	1.936	ug/l	96
12) Acrylonitrile	2.92	53	11971	4.294	ug/l	97
13) Acetone	2.31	43	23451	9.382	ug/l	95
14) Carbon Disulfide	2.46	76	75533	2.056	ug/l	100
15) Methylene Chloride	2.68	84	27501	2.044	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	23588	2.046	ug/l	94
17) 1,1-Dichloroethane	3.42	63	34283	2.048	ug/l	99
18) 2-Butanone	4.26	43	23917	9.578	ug/l	99
19) Cyclohexane	4.97	56	24625m	1.925	ug/l	
20) Methylcyclohexane	6.39	83	25859	1.928	ug/l	97
21) 2,2-Dichloropropane	4.20	77	23196	1.650	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	19826	2.071	ug/l	96
23) Diethyl Ether	2.09	59	17518	1.996	ug/l	96
24) tert-Butyl Alcohol	2.82	59	21370	19.978	ug/l	98
25) Methyl tert-Butyl Ether	2.99	73	61855	2.108	ug/l	98
26) Bromochloromethane	4.52	128	8454	1.993	ug/l	97
27) Chloroform	4.65	83	37453	2.027	ug/l	98
28) 1,1,1-Trichloroethane	4.89	97	29843	2.040	ug/l	98
29) 1,1-Dichloropropene	5.11	75	24874	2.016	ug/l	98
30) Carbon Tetrachloride	5.11	117	25852	2.001	ug/l	96
31) Isopropyl Ether	3.56	45	45504	2.025	ug/l	96
32) Ethyl-t-butyl ether	4.05	59	42965	1.961	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	38890	1.926	ug/l	99
34) Propionitrile	4.32	54	7477	10.568	ug/l #	92
35) Benzene	5.36	78	73689	2.048	ug/l	99
36) 1,2-Dichloroethane	5.39	62	24164	2.075	ug/l	98
37) Trichloroethene	6.16	130	19333	2.056	ug/l	90
38) 1,2-Dichloropropane	6.41	63	20256	2.082	ug/l	97
39) Methacrylonitrile	4.53	41	5666	1.932	ug/l	95
40) Methyl acrylate	4.41	55	9151	2.107	ug/l #	94
41) Tetrahydrofuran	4.63	42	5907	3.839	ug/l	93
42) 1-Chlorobutane	5.04	56	33541	2.002	ug/l	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0711WBSD01

Manual Integrations APPROVED

Quant Time: Jul 12 06:51:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	10342	1.988	ug/l	97
44) Bromodichloromethane	6.74	83	26155	2.040	ug/l	97
45) 4-Methyl-2-Pentanone	7.45	43	59093	10.085	ug/l	96
46) t-1,4-Dichloro-2-butene	10.49	75	9802m	3.929	ug/l	
47) Methyl methacrylate	6.61	69	16672	3.961	ug/l	95
48) Ethyl methacrylate	8.01	69	15065	1.904	ug/l	98
49) Toluene	7.62	92	41889	1.974	ug/l	98
50) t-1,3-Dichloropropene	7.86	75	22240	1.955	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	25518	1.942	ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	14741	2.041	ug/l	95
53) 1,3-Dichloropropane	8.22	76	25170	2.056	ug/l	99
54) 2-Hexanone	8.35	43	39867	9.735	ug/l	97
55) Dibromochloromethane	8.46	129	16853	2.016	ug/l	99
56) 1,2-Dibromoethane	8.57	107	13833	2.070	ug/l	98
58) Tetrachloroethene	8.21	164	17267	2.009	ug/l	96
59) Chlorobenzene	9.10	112	47480	1.991	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.19	131	17886	2.035	ug/l	97
61) Pentachloroethane	11.09	117	13576	1.965	ug/l	96
62) Hexachloroethane	12.13	117	13558	2.021	ug/l	96
63) Ethyl Benzene	9.23	91	74012	1.898	ug/l	99
64) m/p-Xylenes	9.36	106	60348	3.961	ug/l	94
65) o-Xylene	9.76	106	29026	1.960	ug/l	99
66) Styrene	9.77	104	47907	1.916	ug/l	98
67) Bromoform	9.94	173	9450	1.988	ug/l	96
69) Isopropylbenzene	10.15	105	74873	1.944	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	19865	2.020	ug/l	96
71) 1,2,3-Trichloropropane	10.48	75	14458m	1.962	ug/l	
72) Bromobenzene	10.44	156	20431	2.046	ug/l	97
73) n-propylbenzene	10.57	120	20967	1.922	ug/l	98
74) 2-Chlorotoluene	10.64	126	19984	2.030	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	67185	2.016	ug/l	100
76) 4-Chlorotoluene	10.76	126	20433	2.033	ug/l	96
77) tert-Butylbenzene	11.08	119	61950	1.930	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	65721	1.929	ug/l	98
79) sec-Butylbenzene	11.31	105	87108	1.978	ug/l	99
80) Nitrobenzene	12.87	77	2498m	9.276	ug/l	
81) p-Isopropyltoluene	11.46	119	67942	1.897	ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	42662	2.070	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	40482	1.951	ug/l	97
84) n-Butylbenzene	11.87	91	67904	1.902	ug/l	96
85) 1,2-Dichlorobenzene	11.86	146	39828	2.020	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3278	2.105	ug/l	92
87) 1,2,4-Trichlorobenzene	13.49	180	23022	1.897	ug/l	97
88) Hexachlorobutadiene	13.68	225	13777	1.965	ug/l	99
89) Naphthalene	13.73	128	40456	1.934	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	21249	1.833	ug/l	94

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

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