Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
Data File : VU035553.D
Acq On : 30 Oct 2019 11:28
Operator : JC/SP
Sample : VU1030WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Manual Integrations APPROVED
MMDadoda
10/31/2019 4:09:25 PM

Quant Time: Oct 31 01:24:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	67498	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.67	95	24119	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	12.22	152	24198	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	51343	1.942	ug/l	99
3) Chloromethane	1.54	50	61240	1.891	ug/l	96
4) Vinyl Chloride	1.62	62	54909	1.913	ug/l	99
5) Bromomethane	1.88	94	27259	1.868	ug/l	98
6) Chloroethane	1.96	64	34101	2.067	ug/l	99
7) Trichlorofluoromethane	2.16	101	69178	1.950	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	38545	2.005	ug/l	99
9) 1,1-Dichloroethene	2.61	96	35432	1.910	ug/l	98
10) Iodomethane	2.76	142	14816	1.844	ug/l	100
11) Allyl Chloride	2.96	41	57364	1.841	ug/l	96
12) Acrylonitrile	3.37	53	16414	3.525	ug/l	96
13) Acetone	2.67	43	40148	8.883	ug/l	98
14) Carbon Disulfide	2.83	76	126722	1.932	ug/l	100
15) Methylene Chloride	3.09	84	45491	1.907	ug/l	95
16) trans-1,2-Dichloroethene	3.39	96	39866	1.954	ug/l	95
17) 1,1-Dichloroethane	3.92	63	73325	1.919	ug/l	98
18) 2-Butanone	4.79	43	47561	8.120	ug/l	96
19) Cyclohexane	5.43	56	46608	1.539	ug/l	97
20) Methylcyclohexane	6.80	83	51888	1.670	ug/l	96
21) 2,2-Dichloropropane	4.71	77	60494	1.834	ug/l	97
22) cis-1,2-Dichloroethene	4.72	96	41484	1.900	ug/l	98
23) Diethyl Ether	2.41	59	28517	1.864	ug/l	96
24) tert-Butyl Alcohol	3.26	59	48617	28.517	ug/l	95
25) Methyl tert-Butyl Ether	3.43	73	96721	1.945	ug/l	98
26) Bromochloromethane	5.03	128	20119	2.064	ug/l	96
27) Chloroform	5.14	83	78598	1.925	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	62982	1.947	ug/l	99
29) 1,1-Dichloropropene	5.57	75	47898	1.766	ug/l	98
30) Carbon Tetrachloride	5.57	117	55195	1.918	ug/l	99
31) Isopropyl Ether	4.07	45	95856	1.796	ug/l	92
32) Ethyl-t-butyl ether	4.57	59	85686	1.734	ug/l	98
33) Tert-Amyl methyl ether	6.01	73	76480	1.800	ug/l	100
34) Propionitrile	4.85	54	15390	9.071	ug/l #	92
35) Benzene	5.82	78	158788	1.918	ug/l	97
36) 1,2-Dichloroethane	5.84	62	46025	1.941	ug/l	98
37) Trichloroethene	6.58	130	43971	1.912	ug/l	100
38) 1,2-Dichloropropane	6.83	63	42309	1.864	ug/l	96
39) Methacrylonitrile	5.04	41	10807	1.696	ug/l	96
40) Methyl acrylate	4.92	55	15467	1.595	ug/l #	96
41) Tetrahydrofuran	5.14	42	12215	3.730	ug/l #	42
42) 1-Chlorobutane	5.50	56	65510	1.755	ug/l	99

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Quant Time: Oct 31 01:24:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	21188	1.869	ug/l		91
44) Bromodichloromethane	7.15	83	55185	1.953	ug/l		99
45) 4-Methyl-2-Pentanone	7.85	43	106896	8.841	ug/l		97
46) t-1,4-Dichloro-2-butene	10.87	75	21881m	4.979	ug/l		
47) Methyl methacrylate	7.01	69	34160	3.638	ug/l		96
48) Ethyl methacrylate	8.38	69	28519	1.738	ug/l		97
49) Toluene	8.01	92	89627	1.883	ug/l		98
50) t-1,3-Dichloropropene	8.25	75	46611	1.863	ug/l		99
51) cis-1,3-Dichloropropene	7.65	75	52409	1.766	ug/l		99
52) 1,1,2-Trichloroethane	8.44	97	31769	1.999	ug/l		95
53) 1,3-Dichloropropane	8.61	76	52362	1.944	ug/l		99
54) 2-Hexanone	8.75	43	69657	8.107	ug/l		94
55) Dibromochloromethane	8.84	129	39589	2.041	ug/l		93
56) 1,2-Dibromoethane	8.96	107	28666	1.972	ug/l		91
58) Tetrachloroethene	8.58	164	41761	1.981	ug/l		98
59) Chlorobenzene	9.48	112	105042	1.914	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.56	131	43202	2.047	ug/l		98
61) Pentachloroethane	11.46	117	33489	1.947	ug/l		98
62) Hexachloroethane	12.50	117	29391	1.871	ug/l		100
63) Ethyl Benzene	9.60	91	149778	1.757	ug/l		99
64) m/p-Xylenes	9.73	106	115149	3.421	ug/l	#	1
65) o-Xylene	10.13	106	59737	1.837	ug/l		98
66) Styrene	10.15	104	95040	1.765	ug/l		98
67) Bromoform	10.32	173	23423	1.946	ug/l		99
69) Isopropylbenzene	10.51	105	149333	1.761	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	42050	1.985	ug/l	#	67
71) 1,2,3-Trichloropropane	10.86	75	25982m	1.633	ug/l		
72) Bromobenzene	10.82	156	45285	1.917	ug/l		86
73) n-propylbenzene	10.94	120	39748	1.678	ug/l		98
74) 2-Chlorotoluene	11.01	126	40620	1.829	ug/l		97
75) 1,3,5-Trimethylbenzene	11.12	105	116892	1.673	ug/l		100
76) 4-Chlorotoluene	11.13	126	39712	1.761	ug/l		96
77) tert-Butylbenzene	11.45	119	125895	1.757	ug/l		100
78) 1,2,4-Trimethylbenzene	11.50	105	111821	1.581	ug/l		100
79) sec-Butylbenzene	11.67	105	151118	1.648	ug/l		99
80) Nitrobenzene	13.24	77	2814	3.963	ug/l	#	91
81) p-Isopropyltoluene	11.82	119	111635	1.522	ug/l	#	69
82) 1,3-Dichlorobenzene	11.78	146	81987	1.822	ug/l		98
83) 1,4-Dichlorobenzene	11.87	146	78361	1.816	ug/l		99
84) n-Butylbenzene	12.24	91	85000	1.412	ug/l		98
85) 1,2-Dichlorobenzene	12.24	146	75786	1.788	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	4733	1.754	ug/l		99
87) 1,2,4-Trichlorobenzene	13.87	180	24228	1.762	ug/l		95
88) Hexachlorobutadiene	14.04	225	27138	1.719	ug/l		96
89) Naphthalene	14.11	128	28076	1.679	ug/l		96
90) 1,2,3-Trichlorobenzene	14.36	180	25875	1.767	ug/l		98

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

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