Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092220\
Data File : VU040247.D
Acq On : 22 Sep 2020 11:43
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Quant Time: Sep 23 08:12:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091120DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 11 13:27:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	41724	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	17804	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	16203	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	197396	10.696	ug/l	97
3) Chloromethane	1.53	50	178198	12.067	ug/l	100
4) Vinyl Chloride	1.61	62	182310	10.934	ug/l	100
5) Bromomethane	1.87	94	88630	16.958	ug/l	100
6) Chloroethane	1.94	64	98664	10.330	ug/l	98
7) Trichlorofluoromethane	2.15	101	249315	10.597	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	104220	9.916	ug/l	99
9) 1,1-Dichloroethene	2.59	96	76905	9.556	ug/l	97
13) Acetone	2.65	43	323406	53.029	ug/l	97
14) Carbon Disulfide	2.81	76	124690	8.858	ug/l	99
15) Methylene Chloride	3.06	84	108249	8.004	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	86682	10.021	ug/l	98
17) 1,1-Dichloroethane	3.89	63	215192	10.130	ug/l	99
18) 2-Butanone	4.74	43	514431	55.849	ug/l	100
19) Cyclohexane	5.40	56	144515	10.957	ug/l	99
20) Methylcyclohexane	6.77	83	160420	12.006	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	116174	10.654	ug/l	86
23) Diethyl Ether	2.59	59	6552	12.611	ug/l #	13
25) Methyl tert-Butyl Ether	3.39	73	324467	11.131	ug/l	99
26) Bromochloromethane	4.99	128	51597	9.735	ug/l	98
27) Chloroform	5.11	83	231582	9.967	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	198741	10.179	ug/l	99
29) 1,1-Dichloropropene	5.79	75	8621	10.645	ug/l #	1
30) Carbon Tetrachloride	5.54	117	165133	10.297	ug/l	99
35) Benzene	5.79	78	463726	11.125	ug/l	99
36) 1,2-Dichloroethane	5.81	62	177698	10.608	ug/l	99
37) Trichloroethene	6.55	130	122547	11.446	ug/l	95
38) 1,2-Dichloropropane	6.80	63	141264	10.950	ug/l	97
44) Bromodichloromethane	7.11	83	189501	10.749	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	1263432	60.094	ug/l	100
46) t-1,4-Dichloro-2-butene	10.82	75	108753	21.475	ug/l #	16
47) Methyl methacrylate	6.77	69	34611	23.911	ug/l #	23
49) Toluene	7.97	92	308881	11.684	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	187469	11.351	ug/l	95
51) cis-1,3-Dichloropropene	7.62	75	199621	11.747	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	106720	10.413	ug/l	97
54) 2-Hexanone	8.69	43	898423	60.451	ug/l	99
55) Dibromochloromethane	8.81	129	131082	11.061	ug/l	98
56) 1,2-Dibromoethane	8.93	107	101857	10.815	ug/l	98
58) Tetrachloroethene	8.56	164	93127	11.701	ug/l	96
59) Chlorobenzene	9.45	112	346753	11.155	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 1,1,1,2-Tetrachloroethane	9.54	131	406	9.571	ug/l		97
61) Pentachloroethane	11.46	117	19608	11.944	ug/l	#	16
63) Ethyl Benzene	9.57	91	608774	11.794	ug/l		100
64) m/p-Xylenes	9.69	106	231276	23.591	ug/l		99
65) o-Xylene	10.10	106	228142	12.128	ug/l		97
66) Styrene	10.11	104	416405	12.402	ug/l		99
67) Bromoform	10.29	173	72514	11.684	ug/l		97
69) Isopropylbenzene	10.48	105	625388	12.001	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.78	83	142636	10.688	ug/l		97
71) 1,2,3-Trichloropropane	10.82	75	108753	10.662	ug/l		82
73) n-propylbenzene	11.09	120	269855	12.748	ug/l	#	1
75) 1,3,5-Trimethylbenzene	11.09	105	568557	12.519	ug/l		97
77) tert-Butylbenzene	11.46	119	66654	12.236	ug/l	#	62
78) 1,2,4-Trimethylbenzene	11.46	105	563965	12.483	ug/l		99
79) sec-Butylbenzene	11.46	105	563965	12.483	ug/l	#	58
82) 1,3-Dichlorobenzene	11.74	146	303436	11.552	ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	303957	11.836	ug/l		98
85) 1,2-Dichlorobenzene	12.20	146	288499	11.786	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	27335	12.035	ug/l		93
87) 1,2,4-Trichlorobenzene	13.83	180	200408	14.246	ug/l		98
89) Naphthalene	14.08	128	401908	15.475	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	187118	13.997	ug/l		98

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

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