Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033364.D
Acq On : 22 Jul 2019 21:00
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Quant Time: Jul 23 02:23:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	33540	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	13967	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery = 117.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	13574	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery = 120.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	131429	8.782	ug/l	100
3) Chloromethane	1.32	50	142066	8.038	ug/l	100
4) Vinyl Chloride	1.39	62	160386	9.325	ug/l	100
5) Bromomethane	1.62	94	97391	11.158	ug/l	100
6) Chloroethane	1.69	64	121446	12.022	ug/l	100
7) Trichlorofluoromethane	1.87	101	219337	10.845	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	111038	11.087	ug/l	100
9) 1,1-Dichloroethene	2.27	96	110719	11.119	ug/l	100
10) Iodomethane	2.40	142	160030	14.054	ug/l	100
11) Allyl Chloride	2.57	41	184081	8.847	ug/l	100
12) Acrylonitrile	2.93	53	59698	20.061	ug/l	100
13) Acetone	2.33	43	123478	46.096	ug/l	100
14) Carbon Disulfide	2.46	76	417047	10.948	ug/l	100
15) Methylene Chloride	2.68	84	134566	10.641	ug/l	100
16) trans-1,2-Dichloroethene	2.96	96	128326	11.465	ug/l	100
17) 1,1-Dichloroethane	3.42	63	174146	7.982	ug/l	100
18) 2-Butanone	4.26	43	138166	41.424	ug/l	100
19) Cyclohexane	4.96	56	143712m	8.652	ug/l	
20) Methylcyclohexane	6.39	83	150063	10.900	ug/l	100
21) 2,2-Dichloropropane	4.20	77	141224	8.731	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	103953	9.147	ug/l	100
23) Diethyl Ether	2.09	59	98446	10.490	ug/l	100
24) tert-Butyl Alcohol	2.87	59	128096	125.617	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	327639	11.334	ug/l	100
26) Bromochloromethane	4.52	128	44873	9.296	ug/l	100
27) Chloroform	4.65	83	186518	9.054	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	159775	9.173	ug/l	100
29) 1,1-Dichloropropene	5.11	75	138246	9.884	ug/l	100
30) Carbon Tetrachloride	5.11	117	140729	9.438	ug/l	100
31) Isopropyl Ether	3.56	45	233884	7.330	ug/l	100
32) Ethyl-t-butyl ether	4.05	59	230462	8.728	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	221595	10.335	ug/l	100
34) Propionitrile	4.33	54	42100	46.319	ug/l	100
35) Benzene	5.36	78	395484	9.261	ug/l	100
36) 1,2-Dichloroethane	5.38	62	128134	9.143	ug/l	100
37) Trichloroethene	6.16	130	102999	9.705	ug/l	100
38) 1,2-Dichloropropane	6.41	63	107217	8.910	ug/l	100
39) Methacrylonitrile	4.53	41	31594	8.495	ug/l	100
40) Methyl acrylate	4.41	55	51503	10.437	ug/l	100
41) Tetrahydrofuran	4.64	42	33345	16.236	ug/l	100
42) 1-Chlorobutane	5.04	56	187440	8.971	ug/l	100

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

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Quant Time: Jul 23 02:23:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	59249	9.797 ug/l	100
44) Bromodichloromethane	6.74	83	140414	9.425 ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	336571	47.876 ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	56470m	24.800 ug/l	
47) Methyl methacrylate	6.61	69	102630	22.206 ug/l	100
48) Ethyl methacrylate	8.00	69	90892	11.297 ug/l	100
49) Toluene	7.62	92	245266	10.888 ug/l	100
50) t-1,3-Dichloropropene	7.86	75	127015	10.760 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	145039	10.172 ug/l	100
52) 1,1,2-Trichloroethane	8.05	97	79711	10.048 ug/l	100
53) 1,3-Dichloropropane	8.22	76	136093	9.904 ug/l	100
54) 2-Hexanone	8.35	43	239271	50.239 ug/l	100
55) Dibromochloromethane	8.46	129	95429	10.632 ug/l	100
56) 1,2-Dibromoethane	8.57	107	75455	10.605 ug/l	100
58) Tetrachloroethene	8.21	164	94498	9.287 ug/l	100
59) Chlorobenzene	9.10	112	268098	11.172 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	95606	10.282 ug/l	100
61) Pentachloroethane	11.09	117	77475	11.399 ug/l	100
62) Hexachloroethane	12.13	117	77520	11.674 ug/l	100
63) Ethyl Benzene	9.23	91	464963	11.904 ug/l	100
64) m/p-Xylenes	9.36	106	372116	25.237 ug/l	100
65) o-Xylene	9.76	106	176520	12.287 ug/l	100
66) Styrene	9.77	104	312722	13.096 ug/l	100
67) Bromoform	9.94	173	52890	10.548 ug/l	100
69) Isopropylbenzene	10.15	105	455901	12.178 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	105060	10.254 ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	77874m	10.411 ug/l	
72) Bromobenzene	10.44	156	113146	11.841 ug/l	100
73) n-propylbenzene	10.57	120	132784	13.495 ug/l	100
74) 2-Chlorotoluene	10.65	126	116863	12.517 ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	422819	13.133 ug/l	100
76) 4-Chlorotoluene	10.76	126	122072	13.297 ug/l	100
77) tert-Butylbenzene	11.09	119	380398	12.572 ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	435239	13.335 ug/l	100
79) sec-Butylbenzene	11.31	105	536797	12.996 ug/l	100
80) Nitrobenzene	12.85	77	17070	66.971 ug/l	100
81) p-Isopropyltoluene	11.46	119	449172	13.754 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	235110	12.292 ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	238162	12.909 ug/l	100
84) n-Butylbenzene	11.87	91	446727	14.133 ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	220073	12.073 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	17227	11.549 ug/l	100
87) 1,2,4-Trichlorobenzene	13.49	180	142061	15.028 ug/l	100
88) Hexachlorobutadiene	13.68	225	77119	11.613 ug/l	100
89) Naphthalene	13.73	128	280105	16.894 ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	137161	14.262 ug/l	100

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

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