Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012320\
Data File : VU036532.D
Acq On : 23 Jan 2020 10:00
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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1/27/2020 1:46:39 PM

Quant Time: Jan 24 01:01:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	37111	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	15311	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	14085	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	126792	10.336	ug/l	99
3) Chloromethane	1.54	50	134861	10.254	ug/l	97
4) Vinyl Chloride	1.62	62	152739	10.254	ug/l	100
5) Bromomethane	1.87	94	86599	9.356	ug/l	99
6) Chloroethane	1.95	64	81294	9.212	ug/l	100
7) Trichlorofluoromethane	2.16	101	152107	10.335	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	93347	10.182	ug/l	99
9) 1,1-Dichloroethene	2.61	96	99711	10.217	ug/l	98
10) Iodomethane	2.75	142	128968	9.669	ug/l	99
11) Allyl Chloride	2.95	41	139032	10.304	ug/l	99
12) Acrylonitrile	3.37	53	47186	19.713	ug/l	97
13) Acetone	2.67	43	78569	48.441	ug/l	99
14) Carbon Disulfide	2.82	76	342054	10.120	ug/l	100
15) Methylene Chloride	3.08	84	113331	8.817	ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	109504	10.172	ug/l	99
17) 1,1-Dichloroethane	3.91	63	180266	10.275	ug/l	99
18) 2-Butanone	4.78	43	124105	48.293	ug/l	99
19) Cyclohexane	5.42	56	165195m	10.302	ug/l	
20) Methylcyclohexane	6.79	83	188016	10.502	ug/l	99
21) 2,2-Dichloropropane	4.71	77	158330	10.572	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	112830	10.102	ug/l	98
23) Diethyl Ether	2.40	59	75809	10.056	ug/l	98
24) tert-Butyl Alcohol	3.28	59	67484	100.165	ug/l	100
25) Methyl tert-Butyl Ether	3.41	73	260701	10.194	ug/l	99
26) Bromochloromethane	5.02	128	49750	10.284	ug/l	98
27) Chloroform	5.13	83	177419	10.225	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	149866	10.300	ug/l	99
29) 1,1-Dichloropropene	5.57	75	144889	10.203	ug/l	100
30) Carbon Tetrachloride	5.56	117	128027	10.276	ug/l	98
31) Isopropyl Ether	4.05	45	277706	10.428	ug/l	99
32) Ethyl-t-butyl ether	4.56	59	285506	10.247	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	260910	10.227	ug/l	100
34) Propionitrile	4.84	54	38218	51.593	ug/l	98
35) Benzene	5.81	78	415505	10.104	ug/l	99
36) 1,2-Dichloroethane	5.84	62	113023	10.210	ug/l	100
37) Trichloroethene	6.58	130	113348	9.984	ug/l	99
38) 1,2-Dichloropropane	6.83	63	105216	10.177	ug/l	99
39) Methacrylonitrile	5.03	41	32735	10.515	ug/l	98
40) Methyl acrylate	4.90	55	55683	11.285	ug/l	99
41) Tetrahydrofuran	5.12	42	32717	19.289	ug/l	99
42) 1-Chlorobutane	5.50	56	186578	10.141	ug/l	98

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Quant Time: Jan 24 01:01:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	55064	10.204	ug/l	99
44) Bromodichloromethane	7.14	83	130614	10.233	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	302198	49.705	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	55916m	20.884	ug/l	
47) Methyl methacrylate	7.00	69	105793	20.006	ug/l	99
48) Ethyl methacrylate	8.37	69	106751	10.451	ug/l	99
49) Toluene	8.00	92	264702	10.084	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	137384	10.801	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	162606	10.548	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	76346	9.972	ug/l	99
53) 1,3-Dichloropropane	8.61	76	132585	10.103	ug/l	98
54) 2-Hexanone	8.72	43	214035	50.198	ug/l	98
55) Dibromochloromethane	8.84	129	92495	10.493	ug/l	97
56) 1,2-Dibromoethane	8.95	107	75000	10.173	ug/l	99
58) Tetrachloroethene	8.58	164	100719	8.876	ug/l	99
59) Chlorobenzene	9.47	112	298203	10.199	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	95170	10.191	ug/l	98
61) Pentachloroethane	11.45	117	77748	12.905	ug/l	100
62) Hexachloroethane	12.50	117	78620	10.239	ug/l	99
63) Ethyl Benzene	9.60	91	504761	10.301	ug/l	98
64) m/p-Xylenes	9.72	106	395015	20.365	ug/l	100
65) o-Xylene	10.12	106	191369	10.189	ug/l	99
66) Styrene	10.14	104	322707	10.260	ug/l	100
67) Bromoform	10.32	173	52826	10.466	ug/l	99
69) Isopropylbenzene	10.51	105	503824	10.211	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	99382	10.288	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	65996m	9.575	ug/l	
72) Bromobenzene	10.81	156	122686	10.320	ug/l	100
73) n-propylbenzene	10.93	120	144240	10.419	ug/l	99
74) 2-Chlorotoluene	11.01	126	119283	10.031	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	428534	10.126	ug/l	100
76) 4-Chlorotoluene	11.12	126	124646	10.145	ug/l	97
77) tert-Butylbenzene	11.44	119	416342	10.382	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	441457	10.117	ug/l	99
79) sec-Butylbenzene	11.66	105	564241	10.142	ug/l	100
80) Nitrobenzene	13.23	77	6211	44.806	ug/l	95
81) p-Isopropyltoluene	11.81	119	477388	10.266	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	238878	10.044	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	237240	9.980	ug/l	99
84) n-Butylbenzene	12.23	91	453045	10.535	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	224967	9.885	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	16148	9.876	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	157209	10.799	ug/l	99
88) Hexachlorobutadiene	14.04	225	80180	10.049	ug/l	100
89) Naphthalene	14.10	128	274046	10.926	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	142299	10.393	ug/l	100

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

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