Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050420\
Data File : VU038001.D
Acq On : 04 May 2020 13:06
Operator : JC/MD
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 05 02:03:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 01:36:34 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	90396	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	34632	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	34654	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	621748	14.809	ug/l	100
3) Chloromethane	1.54	50	699883	16.530	ug/l	99
4) Vinyl Chloride	1.62	62	742447	19.512	ug/l	99
5) Bromomethane	1.86	94	370507	25.825	ug/l	97
6) Chloroethane	1.94	64	434962	22.823	ug/l	98
7) Trichlorofluoromethane	2.15	101	784004	17.220	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	478831	21.530	ug/l	99
9) 1,1-Dichloroethene	2.60	96	475346	22.310	ug/l	98
10) Iodomethane	2.75	142	491942	46.249	ug/l	99
11) Allyl Chloride	2.95	41	883309	21.408	ug/l	100
12) Acrylonitrile	3.35	53	263242	50.550	ug/l	98
13) Acetone	2.66	43	484571	87.528	ug/l	97
14) Carbon Disulfide	2.82	76	1716080	23.774	ug/l	100
15) Methylene Chloride	3.07	84	543864	20.142	ug/l	99
16) trans-1,2-Dichloroethene	3.38	96	514352	22.563	ug/l	99
17) 1,1-Dichloroethane	3.91	63	986595	19.283	ug/l	99
18) 2-Butanone	4.75	43	768877	92.082	ug/l	99
19) Cyclohexane	5.42	56	968032m	21.940	ug/l	
20) Methylcyclohexane	6.79	83	991296	22.659	ug/l	100
21) 2,2-Dichloropropane	4.70	77	825863	17.883	ug/l	100
22) cis-1,2-Dichloroethene	4.70	96	555962	20.254	ug/l	99
23) Diethyl Ether	2.40	59	418726	22.921	ug/l	99
24) tert-Butyl Alcohol	3.23	59	430715	220.029	ug/l	99
25) Methyl tert-Butyl Ether	3.40	73	1302501	21.026	ug/l	100
26) Bromochloromethane	5.01	128	218111	18.298	ug/l	99
27) Chloroform	5.13	83	919027	16.958	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	784125	17.086	ug/l	99
29) 1,1-Dichloropropene	5.56	75	777321	20.272	ug/l	99
30) Carbon Tetrachloride	5.56	117	663275	16.685	ug/l	100
31) Isopropyl Ether	4.04	45	1690462	20.650	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	1523033	19.858	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	1316628	20.042	ug/l	100
34) Propionitrile	4.82	54	225003	102.268	ug/l	98
35) Benzene	5.81	78	2155926	19.832	ug/l	100
36) 1,2-Dichloroethane	5.83	62	626447	16.313	ug/l	100
37) Trichloroethene	6.57	130	556212	19.469	ug/l	99
38) 1,2-Dichloropropane	6.82	63	581713	19.586	ug/l	99
39) Methacrylonitrile	5.02	41	198543	18.892	ug/l	99
40) Methyl acrylate	4.89	55	308981	20.799	ug/l	99
41) Tetrahydrofuran	5.10	42	197634	37.729	ug/l	99
42) 1-Chlorobutane	5.49	56	1122926	20.392	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	270001	17.995	ug/l	99
44) Bromodichloromethane	7.13	83	696893	17.921	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	1879644	93.157	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	231564m	42.042	ug/l	
47) Methyl methacrylate	6.99	69	572214	45.125	ug/l	99
48) Ethyl methacrylate	8.36	69	561852	22.477	ug/l	99
49) Toluene	7.99	92	1382634	21.091	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	740851	20.759	ug/l	97
51) cis-1,3-Dichloropropene	7.63	75	879648	21.363	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	380354	18.854	ug/l	99
53) 1,3-Dichloropropane	8.60	76	718850	19.876	ug/l	100
54) 2-Hexanone	8.71	43	1320658	95.241	ug/l	100
55) Dibromochloromethane	8.83	129	447186	18.196	ug/l	99
56) 1,2-Dibromoethane	8.95	107	364184	19.256	ug/l	99
58) Tetrachloroethene	8.57	164	525583	19.592	ug/l	99
59) Chlorobenzene	9.47	112	1476187	20.191	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	473248	18.220	ug/l	98
61) Pentachloroethane	11.44	117	367528	18.533	ug/l	98
62) Hexachloroethane	12.49	117	372324	17.677	ug/l	100
63) Ethyl Benzene	9.59	91	2674476	21.440	ug/l	100
64) m/p-Xylenes	9.71	106	2085543	44.159	ug/l	100
65) o-Xylene	10.12	106	1006593	22.031	ug/l	99
66) Styrene	10.13	104	1719835	23.039	ug/l	99
67) Bromoform	10.31	173	247070	19.159	ug/l	99
69) Isopropylbenzene	10.50	105	2660044	21.437	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	509493	19.259	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	334472m	16.034	ug/l	
72) Bromobenzene	10.80	156	585993	19.515	ug/l	99
73) n-propylbenzene	10.92	120	737665	22.376	ug/l	99
74) 2-Chlorotoluene	11.00	126	602360	20.419	ug/l	97
75) 1,3,5-Trimethylbenzene	11.10	105	2235059	21.026	ug/l	100
76) 4-Chlorotoluene	11.11	126	633207	21.216	ug/l	99
77) tert-Butylbenzene	11.44	119	2122681	20.466	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	2295229	21.433	ug/l	100
79) sec-Butylbenzene	11.66	105	3017011	21.225	ug/l	100
80) Nitrobenzene	13.23	77	88261	146.364	ug/l	98
81) p-Isopropyltoluene	11.81	119	2476205	22.142	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	1196014	20.168	ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	1193231	19.871	ug/l	100
84) n-Butylbenzene	12.22	91	2503147	23.393	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	1115457	19.487	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	76791	16.985	ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	831648	27.614	ug/l	99
88) Hexachlorobutadiene	14.05	225	373188	20.750	ug/l	99
89) Naphthalene	14.12	128	1632305	31.261	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	746087	25.721	ug/l	100

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

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