Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040219\
Data File : VU030616.D
Acq On : 02 Apr 2019 23:02
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU040219

Manual Integrations APPROVED
MMDadoda
4/3/2019 11:43:57 AM

Quant Time: Apr 03 02:53:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 02:39:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	32886	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	13242	1.14	ug/l		0.00
Spiked Amount 1.000			Recovery = 114.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	12605	1.13	ug/l		0.00
Spiked Amount 1.000			Recovery = 113.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	105609	7.937	ug/l		99
3) Chloromethane	1.32	50	152351	9.551	ug/l		98
4) Vinyl Chloride	1.40	62	155606	10.170	ug/l		98
5) Bromomethane	1.63	94	78590	10.981	ug/l		97
6) Chloroethane	1.70	64	90876	10.558	ug/l		98
7) Trichlorofluoromethane	1.88	101	190713	10.822	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	103711	11.717	ug/l		97
9) 1,1-Dichloroethene	2.28	96	107556	12.315	ug/l		98
10) Iodomethane	2.41	142	139604	12.395	ug/l		100
11) Allyl Chloride	2.59	41	230432	12.151	ug/l		95
12) Acrylonitrile	2.93	53	163909	57.162	ug/l		98
13) Acetone	2.32	43	138634	51.490	ug/l		99
14) Carbon Disulfide	2.47	76	380790	11.956	ug/l		99
15) Methylene Chloride	2.69	84	127632	10.717	ug/l		93
16) trans-1,2-Dichloroethene	2.97	96	119366	12.094	ug/l		98
17) 1,1-Dichloroethane	3.44	63	237203	11.609	ug/l		99
18) 2-Butanone	4.28	43	207619	58.559	ug/l		97
19) Cyclohexane	4.99	56	217850m	12.945	ug/l		
20) Methylcyclohexane	6.41	83	178330	12.686	ug/l		98
21) 2,2-Dichloropropane	4.22	77	169440	10.757	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	125439	12.042	ug/l		99
23) Diethyl Ether	2.10	59	95744	10.816	ug/l		98
24) tert-Butyl Alcohol	2.84	59	56139	53.295	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	318698	11.635	ug/l		99
26) Bromochloromethane	4.54	128	47357	10.611	ug/l		96
27) Chloroform	4.67	83	218263	11.394	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	189555	12.067	ug/l		99
29) 1,1-Dichloropropene	5.13	75	166435	12.072	ug/l		99
30) Carbon Tetrachloride	5.13	117	159043	11.639	ug/l		100
31) Isopropyl Ether	3.58	45	426871	12.652	ug/l	#	1
34) Propionitrile	4.33	54	121477	138.989	ug/l		99
35) Benzene	5.38	78	503738	12.427	ug/l		100
36) 1,2-Dichloroethane	5.40	62	154237	11.925	ug/l		99
37) Trichloroethene	6.18	130	114415	11.759	ug/l		99
38) 1,2-Dichloropropane	6.43	63	136525	11.692	ug/l		97
39) Methacrylonitrile	4.55	41	52016	11.958	ug/l		98
40) Methyl acrylate	4.42	55	72766	11.154	ug/l	#	90
41) Tetrahydrofuran	4.65	42	143201	60.940	ug/l		98
42) 1-Chlorobutane	5.06	56	254069	12.033	ug/l		95
43) Dibromomethane	6.56	93	66653	12.364	ug/l		98
44) Bromodichloromethane	6.75	83	171508	12.094	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	488392	62.199 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	31915m	11.913 ug/l	
47) Methyl methacrylate	6.62	69	65758	13.287 ug/l	96
48) Ethyl methacrylate	8.02	69	128192	13.910 ug/l	98
49) Toluene	7.63	92	288428	13.084 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	162673	13.358 ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	185525	12.620 ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	93778	12.152 ug/l	97
53) 1,3-Dichloropropane	8.24	76	169027	12.444 ug/l	99
54) 2-Hexanone	8.36	43	337556	64.853 ug/l	100
55) Dibromochloromethane	8.47	129	106523	12.228 ug/l	98
56) 1,2-Dibromoethane	8.58	107	87967	12.659 ug/l	98
58) Tetrachloroethene	8.22	164	105878	12.361 ug/l	99
59) Chlorobenzene	9.12	112	290690	12.105 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	109005	11.976 ug/l	100
61) Pentachloroethane	11.10	117	85683	12.273 ug/l	99
62) Hexachloroethane	12.14	117	81483	12.337 ug/l	98
63) Ethyl Benzene	9.25	91	546644	13.620 ug/l	98
64) m/p-Xylenes	9.37	106	396574	27.392 ug/l	99
65) o-Xylene	9.77	106	186848	13.172 ug/l	98
66) Styrene	9.79	104	337746	13.817 ug/l	98
67) Bromoform	9.95	173	61475	12.389 ug/l	98
69) Isopropylbenzene	10.16	105	523917	13.831 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	123138	12.059 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	96149m	12.462 ug/l	
72) Bromobenzene	10.45	156	120579	12.759 ug/l	99
73) n-propylbenzene	10.58	120	133476	13.242 ug/l	98
74) 2-Chlorotoluene	10.66	126	116306	12.752 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	441353	13.776 ug/l	99
76) 4-Chlorotoluene	10.77	126	119323	12.763 ug/l	96
77) tert-Butylbenzene	11.10	119	400405	12.871 ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	441030	13.519 ug/l	99
79) sec-Butylbenzene	11.32	105	515189	12.145 ug/l	100
80) Nitrobenzene	12.87	77	3300m	11.872 ug/l	
81) p-Isopropyltoluene	11.47	119	450667	13.577 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	221537	11.841 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	225337	12.202 ug/l	100
84) n-Butylbenzene	11.89	91	451970	13.423 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	207159	11.655 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	19423	12.254 ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	141511	13.417 ug/l	98
88) Hexachlorobutadiene	13.69	225	77477	12.322 ug/l	98
89) Naphthalene	13.74	128	253563	11.197 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	133179	12.711 ug/l	100

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

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