Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
Data File : VU029308.D
Acq On : 29 Jan 2019 18:55
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Quant Time: Jan 30 03:58:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	8237	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	3338	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	3259	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56077m	13.499	ug/l	
3) Chloromethane	1.32	50	43996	12.062	ug/l	98
4) Vinyl Chloride	1.39	62	45598	12.867	ug/l	99
5) Bromomethane	1.61	94	24750	11.950	ug/l	99
6) Chloroethane	1.68	64	30717	12.466	ug/l	97
7) Trichlorofluoromethane	1.87	101	84756	14.222	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	35679	14.128	ug/l	98
9) 1,1-Dichloroethene	2.27	96	32351	13.597	ug/l	96
10) Iodomethane	2.40	142	38808	18.189	ug/l	99
11) Allyl Chloride	2.58	41	75756	12.688	ug/l	99
12) Acrylonitrile	2.93	53	19960	27.055	ug/l	96
13) Acetone	2.31	43	53924	64.299	ug/l	100
14) Carbon Disulfide	2.46	76	114236	13.031	ug/l	100
15) Methylene Chloride	2.69	84	40043	12.885	ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	36472	13.592	ug/l	98
17) 1,1-Dichloroethane	3.43	63	76112	12.732	ug/l	100
18) 2-Butanone	4.27	43	65839	70.006	ug/l	100
19) Cyclohexane	4.98	56	53117	14.114	ug/l	98
20) Methylcyclohexane	6.41	83	61927	15.463	ug/l	98
21) 2,2-Dichloropropane	4.21	77	71930	13.944	ug/l	99
22) cis-1,2-Dichloroethene	4.21	96	40956	14.457	ug/l	96
23) Diethyl Ether	2.09	59	32800	13.603	ug/l	98
24) tert-Butyl Alcohol	2.83	59	42381	146.909	ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	112367	13.890	ug/l	99
26) Bromochloromethane	4.54	128	16949	14.316	ug/l	96
27) Chloroform	4.66	83	80844	13.804	ug/l	99
28) 1,1,1-Trichloroethane	4.90	97	75873	14.238	ug/l	98
29) 1,1-Dichloropropene	5.12	75	59644	14.774	ug/l	99
30) Carbon Tetrachloride	5.12	117	67041	14.583	ug/l	99
31) Isopropyl Ether	3.57	45	122085	12.865	ug/l	98
32) Ethyl-t-butyl ether	4.06	59	115381	14.575	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	100221	15.021	ug/l	98
34) Propionitrile	4.32	54	17841	76.045	ug/l #	94
35) Benzene	5.38	78	157613	14.314	ug/l	100
36) 1,2-Dichloroethane	5.40	62	64395	14.017	ug/l	99
37) Trichloroethene	6.18	130	38728	14.502	ug/l	94
38) 1,2-Dichloropropane	6.43	63	42835	14.069	ug/l	100
39) Methacrylonitrile	4.54	41	17135	15.347	ug/l	98
40) Methyl acrylate	4.42	55	22704	14.574	ug/l	98
41) Tetrahydrofuran	4.64	42	16119	29.156	ug/l	97
42) 1-Chlorobutane	5.05	56	87289	13.905	ug/l	97

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED

Quant Time: Jan 30 03:58:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	22078	14.294	ug/l	95
44) Bromodichloromethane	6.75	83	62057	14.108	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	160701	74.324	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	23713m	31.521	ug/l	
47) Methyl methacrylate	6.62	69	40578	30.916	ug/l	98
48) Ethyl methacrylate	8.02	69	40645	16.231	ug/l	100
49) Toluene	7.63	92	97121	15.292	ug/l	99
50) t-1,3-Dichloropropene	7.87	75	57202	15.190	ug/l	97
51) cis-1,3-Dichloropropene	7.26	75	62318	14.761	ug/l	97
52) 1,1,2-Trichloroethane	8.06	97	28250	14.023	ug/l	98
53) 1,3-Dichloropropane	8.24	76	53278	14.185	ug/l	99
54) 2-Hexanone	8.36	43	116102	77.928	ug/l	99
55) Dibromochloromethane	8.47	129	38598	14.832	ug/l	99
56) 1,2-Dibromoethane	8.58	107	26376	14.521	ug/l	100
58) Tetrachloroethene	8.22	164	38249	14.982	ug/l	95
59) Chlorobenzene	9.12	112	102804	15.198	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	40217	14.348	ug/l	100
61) Pentachloroethane	11.10	117	31214	14.679	ug/l	95
62) Hexachloroethane	12.14	117	31769	14.738	ug/l	98
63) Ethyl Benzene	9.25	91	194794	16.240	ug/l	99
64) m/p-Xylenes	9.37	106	147528	32.552	ug/l	98
65) o-Xylene	9.77	106	69926	16.167	ug/l	99
66) Styrene	9.79	104	123116	16.410	ug/l	99
67) Bromoform	9.95	173	23353	15.660	ug/l	99
69) Isopropylbenzene	10.16	105	192334	16.215	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	38179	14.470	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	29816m	14.054	ug/l	
72) Bromobenzene	10.45	156	44949	15.782	ug/l	98
73) n-propylbenzene	10.58	120	52520	16.882	ug/l	99
74) 2-Chlorotoluene	10.66	126	44461	15.731	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	172363	16.446	ug/l	98
76) 4-Chlorotoluene	10.77	126	46942	16.548	ug/l	99
77) tert-Butylbenzene	11.10	119	163206	16.307	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	177415	16.448	ug/l	100
79) sec-Butylbenzene	11.32	105	217266	16.185	ug/l	100
80) Nitrobenzene	12.86	77	10045	104.807	ug/l	97
81) p-Isopropyltoluene	11.47	119	186561	16.656	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	90965	15.255	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	93436	15.798	ug/l	99
84) n-Butylbenzene	11.89	91	182879	16.773	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	85181	15.505	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7907	15.641	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	61856	16.973	ug/l	99
88) Hexachlorobutadiene	13.69	225	36844	15.741	ug/l	99
89) Naphthalene	13.74	128	109860	18.415	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	57181	16.785	ug/l	99

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

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