Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027348.D
Acq On : 02 Oct 2018 17:25
Operator : MD/SY
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED
apatel
10/5/2018 11:56:33 AM

Quant Time: Oct 03 02:27:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	22113	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8887	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7605	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	113427	18.568	ug/l	99
3) Chloromethane	1.33	50	133916	17.636	ug/l	100
4) Vinyl Chloride	1.40	62	135583	18.711	ug/l	100
5) Bromomethane	1.62	94	60092	12.324	ug/l	96
6) Chloroethane	1.70	64	81396	19.712	ug/l	99
7) Trichlorofluoromethane	1.89	101	153394	17.728	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90443	17.928	ug/l	100
9) 1,1-Dichloroethene	2.29	96	75992	16.056	ug/l	97
10) Iodomethane	2.41	142	101748	25.538	ug/l	99
11) Allyl Chloride	2.59	41	195567	21.621	ug/l	99
12) Acrylonitrile	2.94	53	50304	40.797	ug/l	99
13) Acetone	2.32	43	109442	97.812	ug/l	100
14) Carbon Disulfide	2.48	76	233625	16.998	ug/l	100
15) Methylene Chloride	2.70	84	97451	16.955	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	87468	17.265	ug/l	98
17) 1,1-Dichloroethane	3.44	63	212556	19.738	ug/l	100
18) 2-Butanone	4.29	43	187881	103.486	ug/l	99
19) Cyclohexane	4.98	56	163439	18.260	ug/l	99
20) Methylcyclohexane	6.41	83	157460	16.255	ug/l	99
21) 2,2-Dichloropropane	4.22	77	170979	20.965	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	102965	16.354	ug/l	98
23) Diethyl Ether	2.11	59	81314	19.535	ug/l	99
24) tert-Butyl Alcohol	2.84	59	85753	170.961	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	256477	19.644	ug/l	99
26) Bromochloromethane	4.55	128	38694	14.531	ug/l	99
27) Chloroform	4.67	83	191117	17.368	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	157438	18.271	ug/l	99
29) 1,1-Dichloropropene	5.13	75	141047	16.813	ug/l	99
30) Carbon Tetrachloride	5.13	117	134348	18.761	ug/l	99
31) Isopropyl Ether	3.58	45	397938	20.772	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	316874	19.526	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	261704	19.728	ug/l	100
34) Propionitrile	4.34	54	48836	93.932	ug/l	98
35) Benzene	5.39	78	409020	16.795	ug/l	99
36) 1,2-Dichloroethane	5.41	62	132312	18.844	ug/l	100
37) Trichloroethene	6.18	130	92637	14.396	ug/l	97
38) 1,2-Dichloropropane	6.44	63	125467	19.358	ug/l	98
39) Methacrylonitrile	4.56	41	49118	21.280	ug/l	99
40) Methyl acrylate	4.43	55	65291	19.942	ug/l	99
41) Tetrahydrofuran	4.66	42	50798	40.176	ug/l	100
42) 1-Chlorobutane	5.06	56	225241	18.333	ug/l	100

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Quant Time: Oct 03 02:27:04 2018
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	52288	17.976 ug/l	96
44) Bromodichloromethane	6.76	83	144349	20.373 ug/l	98
45) 4-Methyl-2-Pentanone	7.48	43	433692	104.090 ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	55112m	50.248 ug/l	
47) Methyl methacrylate	6.64	69	111512	38.526 ug/l	99
48) Ethyl methacrylate	8.03	69	105293	19.692 ug/l	100
49) Toluene	7.64	92	245518	17.154 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	137685	22.448 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	163324	21.071 ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	75962	17.583 ug/l	96
53) 1,3-Dichloropropane	8.25	76	142585	18.547 ug/l	99
54) 2-Hexanone	8.38	43	304411	105.718 ug/l	99
55) Dibromochloromethane	8.48	129	85193	20.165 ug/l	100
56) 1,2-Dibromoethane	8.59	107	66829	17.303 ug/l	98
58) Tetrachloroethene	8.22	164	84165	12.384 ug/l	99
59) Chlorobenzene	9.12	112	257218	16.806 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	95061	18.369 ug/l	99
61) Pentachloroethane	11.10	117	78023	22.757 ug/l	99
62) Hexachloroethane	12.15	117	80488	23.063 ug/l	100
63) Ethyl Benzene	9.25	91	480852	17.991 ug/l	100
64) m/p-Xylenes	9.38	106	362528	35.687 ug/l	99
65) o-Xylene	9.78	106	170781	17.401 ug/l	98
66) Styrene	9.79	104	307563	18.789 ug/l	100
67) Bromoform	9.96	173	46254	19.535 ug/l	97
69) Isopropylbenzene	10.17	105	464970	18.060 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	100862	19.571 ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	79979m	18.898 ug/l	
72) Bromobenzene	10.45	156	101821	15.815 ug/l	99
73) n-propylbenzene	10.59	120	128674	18.128 ug/l	99
74) 2-Chlorotoluene	10.66	126	108960	17.254 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	409858	18.699 ug/l	99
76) 4-Chlorotoluene	10.77	126	113724	17.465 ug/l	98
77) tert-Butylbenzene	11.10	119	383637	18.571 ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	428813	18.969 ug/l	100
79) sec-Butylbenzene	11.32	105	536354	18.443 ug/l	99
80) Nitrobenzene	12.86	77	23250	141.247 ug/l	99
81) p-Isopropyltoluene	11.48	119	447607	18.662 ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	214462	16.726 ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	216708	16.876 ug/l	99
84) n-Butylbenzene	11.89	91	459021	19.856 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	198531	16.589 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16347	21.773 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	137949	17.258 ug/l	99
88) Hexachlorobutadiene	13.69	225	83291	16.714 ug/l	99
89) Naphthalene	13.74	128	261075	20.321 ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	134038	17.687 ug/l	99

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

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