Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090718\
Data File : VU026610.D
Acq On : 07 Sep 2018 09:02
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
MMDadoda
9/10/2018 9:52:38 AM

Quant Time: Sep 07 12:16:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	26773	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9703	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	10599	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	82385	7.91	ug/l	100
3) Chloromethane	1.32	50	98767	11.11	ug/l	99
4) Vinyl Chloride	1.40	62	97537	10.97	ug/l	99
5) Bromomethane	1.63	94	45538	9.32	ug/l	99
6) Chloroethane	1.70	64	60114	11.29	ug/l	98
7) Trichlorofluoromethane	1.89	101	123753	9.42	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	72753	9.99	ug/l	98
9) 1,1-Dichloroethene	2.29	96	62923	10.12	ug/l	97
10) Iodomethane	2.41	142	57413	5.98	ug/l	99
11) Allyl Chloride	2.59	41	121295	11.60	ug/l	97
12) Acrylonitrile	2.95	53	35141	24.93	ug/l	96
13) Acetone	2.35	43	116620	109.79	ug/l	97
14) Carbon Disulfide	2.48	76	219446	10.21	ug/l	100
15) Methylene Chloride	2.70	84	73661	11.38	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	70281	9.77	ug/l	98
17) 1,1-Dichloroethane	3.44	63	141588	10.76	ug/l	99
18) 2-Butanone	4.30	43	124721	61.81	ug/l	99
19) Cyclohexane	4.99	56	95487	9.87	ug/l	91
20) Methylcyclohexane	6.41	83	111390	9.83	ug/l	96
21) 2,2-Dichloropropane	4.23	77	106028	7.84	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	71812	8.22	ug/l	96
23) Diethyl Ether	2.11	59	53371	11.21	ug/l	97
24) tert-Butyl Alcohol	2.91	59	48512m	99.56	ug/l	
25) Methyl tert-Butyl Ether	3.01	73	168967	10.42	ug/l	99
26) Bromochloromethane	4.55	128	30214	7.74	ug/l	91
27) Chloroform	4.67	83	121372	7.97	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	104030	7.69	ug/l	99
29) 1,1-Dichloropropene	5.13	75	94789	8.88	ug/l	99
30) Carbon Tetrachloride	5.13	117	94142	7.38	ug/l	99
31) Isopropyl Ether	3.58	45	202444	9.34	ug/l	97
32) Ethyl-t-butyl ether	4.08	59	173783	9.15	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	149283	9.20	ug/l	99
34) Propionitrile	4.36	54	29903	52.03	ug/l #	89
35) Benzene	5.39	78	272735	8.84	ug/l	99
36) 1,2-Dichloroethane	5.41	62	78183	8.18	ug/l	99
37) Trichloroethene	6.19	130	70877	8.16	ug/l	100
38) 1,2-Dichloropropane	6.44	63	73192	9.16	ug/l	98
39) Methacrylonitrile	4.56	41	22752	9.38	ug/l	91
40) Methyl acrylate	4.43	55	37135	10.10	ug/l	98
41) Tetrahydrofuran	4.67	42	24743	18.34	ug/l	92
42) 1-Chlorobutane	5.07	56	132636	9.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	35476	8.36	ug/l	99
44) Bromodichloromethane	6.76	83	89463	8.16	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	224356	52.14	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	32427m	15.05	ug/l	
47) Methyl methacrylate	6.63	69	64480	19.88	ug/l	96
48) Ethyl methacrylate	8.02	69	61926	10.43	ug/l	99
49) Toluene	7.64	92	162630	9.23	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	82765	8.85	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	98356	9.07	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	48102	8.35	ug/l	99
53) 1,3-Dichloropropane	8.24	76	83787	8.76	ug/l	100
54) 2-Hexanone	8.37	43	188951	61.67	ug/l	99
55) Dibromochloromethane	8.48	129	59371	7.71	ug/l	98
56) 1,2-Dibromoethane	8.59	107	45467	8.12	ug/l	100
58) Tetrachloroethene	8.23	164	64418	7.85	ug/l	97
59) Chlorobenzene	9.12	112	177174	8.68	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	65515	8.05	ug/l	99
61) Pentachloroethane	11.10	117	54143	7.80	ug/l	98
62) Hexachloroethane	12.15	117	56006	8.09	ug/l	100
63) Ethyl Benzene	9.25	91	308873	9.54	ug/l	99
64) m/p-Xylenes	9.38	106	245303	18.98	ug/l	97
65) o-Xylene	9.78	106	116844	9.48	ug/l	99
66) Styrene	9.79	104	197725	9.37	ug/l	99
67) Bromoform	9.96	173	35696	7.87	ug/l	99
69) Isopropylbenzene	10.17	105	305781	9.39	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	63183	8.75	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	47733m	9.23	ug/l	
72) Bromobenzene	10.45	156	75627	8.29	ug/l	99
73) n-propylbenzene	10.59	120	87237	9.16	ug/l	99
74) 2-Chlorotoluene	10.66	126	76461	8.90	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	269921	9.32	ug/l	99
76) 4-Chlorotoluene	10.77	126	78739	8.91	ug/l	95
77) tert-Butylbenzene	11.10	119	263253	9.13	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	276753	9.24	ug/l	100
79) sec-Butylbenzene	11.32	105	350409	9.27	ug/l	99
80) Nitrobenzene	12.86	77	13367	42.36	ug/l	96
81) p-Isopropyltoluene	11.48	119	294292	9.21	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	152550	7.94	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	151413	7.90	ug/l	99
84) n-Butylbenzene	11.89	91	278934	9.02	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	142849	8.10	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	9990	7.86	ug/l	94
87) 1,2,4-Trichlorobenzene	13.50	180	100640	8.11	ug/l	100
88) Hexachlorobutadiene	13.69	225	61426	8.10	ug/l	99
89) Naphthalene	13.74	128	175680	8.99	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	96730	8.28	ug/l	99

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

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