Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029352.D
Acq On : 05 Feb 2019 17:49
Operator : JC/SP
Sample : VU0205WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0205WBSD01

Manual Integrations APPROVED
sam
2/8/2019 2:26:51 PM

Quant Time: Feb 08 11:50:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	48617	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19732	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	20474	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	35205	1.940	ug/l		98
3) Chloromethane	1.33	50	32117	1.937	ug/l		100
4) Vinyl Chloride	1.40	62	37603	1.935	ug/l		100
5) Bromomethane	1.63	94	24722	2.287	ug/l		96
6) Chloroethane	1.70	64	22266	1.961	ug/l		97
7) Trichlorofluoromethane	1.88	101	57736	2.127	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29900	2.086	ug/l		91
9) 1,1-Dichloroethene	2.28	96	27937	1.992	ug/l		77
10) Iodomethane	2.41	142	30723	1.720	ug/l	#	81
11) Allyl Chloride	2.59	41	47717	2.029	ug/l		89
12) Acrylonitrile	2.94	53	13342	4.244	ug/l		96
13) Acetone	2.32	43	25900	8.549	ug/l	#	84
14) Carbon Disulfide	2.48	76	100949	2.039	ug/l		99
15) Methylene Chloride	2.70	84	33627	1.977	ug/l	#	80
16) trans-1,2-Dichloroethene	2.98	96	33405	2.130	ug/l		81
17) 1,1-Dichloroethane	3.44	63	48828	1.965	ug/l		96
18) 2-Butanone	4.28	43	31622	9.339	ug/l		98
19) Cyclohexane	4.99	56	43734m	1.898	ug/l		
20) Methylcyclohexane	6.41	83	48124	1.988	ug/l	#	86
21) 2,2-Dichloropropane	4.22	77	43461	1.889	ug/l		94
22) cis-1,2-Dichloroethene	4.22	96	31328	2.120	ug/l		79
23) Diethyl Ether	2.10	59	22842	2.028	ug/l		90
24) tert-Butyl Alcohol	2.84	59	23692	20.243	ug/l		96
25) Methyl tert-Butyl Ether	3.00	73	81648	2.068	ug/l	#	89
26) Bromochloromethane	4.55	128	13972	2.141	ug/l		72
27) Chloroform	4.67	83	49562	2.051	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	46881	2.093	ug/l		94
29) 1,1-Dichloropropene	5.13	75	38973	2.004	ug/l		92
30) Carbon Tetrachloride	5.13	117	39847	1.965	ug/l		94
31) Isopropyl Ether	3.58	45	75031	2.001	ug/l		88
32) Ethyl-t-butyl ether	4.07	59	74831	1.991	ug/l		89
33) Tert-Amyl methyl ether	5.58	73	69300	2.039	ug/l		96
34) Propionitrile	4.33	54	8610	9.674	ug/l	#	88
35) Benzene	5.39	78	109182	2.030	ug/l		100
36) 1,2-Dichloroethane	5.40	62	31756	1.952	ug/l	#	89
37) Trichloroethene	6.18	130	32244	2.089	ug/l		89
38) 1,2-Dichloropropane	6.43	63	26895	1.922	ug/l		100
39) Methacrylonitrile	4.56	41	8169	1.792	ug/l	#	90
40) Methyl acrylate	4.43	55	13320	1.936	ug/l	#	93
41) Tetrahydrofuran	4.65	42	9494	4.135	ug/l	#	90
42) 1-Chlorobutane	5.06	56	50836	1.951	ug/l		87

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Instrument : MSVOA_U
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Quant Time: Feb 08 11:50:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	15490	2.078	ug/l		94
44) Bromodichloromethane	6.76	83	38684	2.036	ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	85352	9.766	ug/l	#	90
46) t-1,4-Dichloro-2-butene	10.52	75	15468m	3.633	ug/l		
47) Methyl methacrylate	6.63	69	26608	4.056	ug/l	#	77
48) Ethyl methacrylate	8.02	69	28908	2.054	ug/l		79
49) Toluene	7.64	92	67783	1.970	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	36612	1.966	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	43643	1.973	ug/l		89
52) 1,1,2-Trichloroethane	8.07	97	20305	2.057	ug/l		94
53) 1,3-Dichloropropane	8.24	76	34313	1.979	ug/l		98
54) 2-Hexanone	8.37	43	60038	9.800	ug/l		88
55) Dibromochloromethane	8.48	129	28487	2.031	ug/l		97
56) 1,2-Dibromoethane	8.58	107	20126	1.987	ug/l		98
58) Tetrachloroethene	8.22	164	30759	2.142	ug/l		94
59) Chlorobenzene	9.12	112	79560	2.052	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	30365	2.120	ug/l		97
61) Pentachloroethane	11.10	117	22663	2.041	ug/l		85
62) Hexachloroethane	12.14	117	24134	1.992	ug/l		97
63) Ethyl Benzene	9.25	91	136293	2.024	ug/l		94
64) m/p-Xylenes	9.37	106	106184	4.058	ug/l		89
65) o-Xylene	9.78	106	52929	2.061	ug/l		87
66) Styrene	9.79	104	86250	2.015	ug/l		93
67) Bromoform	9.96	173	18042	2.067	ug/l		100
69) Isopropylbenzene	10.16	105	140977	2.055	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	25882	2.046	ug/l		95
71) 1,2,3-Trichloropropane	10.49	75	18510m	2.131	ug/l		
72) Bromobenzene	10.45	156	35265	2.120	ug/l		84
73) n-propylbenzene	10.58	120	39542	2.069	ug/l		80
74) 2-Chlorotoluene	10.66	126	34425	2.115	ug/l		80
75) 1,3,5-Trimethylbenzene	10.77	105	120332	2.034	ug/l		96
76) 4-Chlorotoluene	10.77	126	33678	1.994	ug/l		80
77) tert-Butylbenzene	11.10	119	117984	2.018	ug/l		92
78) 1,2,4-Trimethylbenzene	11.15	105	119126	1.989	ug/l		94
79) sec-Butylbenzene	11.32	105	153095	2.001	ug/l		95
80) Nitrobenzene	12.87	77	3803	6.747	ug/l	#	93
81) p-Isopropyltoluene	11.47	119	131001	2.020	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	67003	2.053	ug/l		96
83) 1,4-Dichlorobenzene	11.51	146	65132	2.004	ug/l		96
84) n-Butylbenzene	11.89	91	116276	1.954	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	64338	2.085	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4507	1.909	ug/l	#	63
87) 1,2,4-Trichlorobenzene	13.50	180	44457	2.051	ug/l		98
88) Hexachlorobutadiene	13.69	225	25614	2.041	ug/l		93
89) Naphthalene	13.74	128	77178	2.100	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	42275	2.135	ug/l		97

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

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