Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029673.D
Acq On : 26 Feb 2019 11:14
Operator : JC/SP
Sample : VU0226WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBS01

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:31:45 AM

Quant Time: Feb 27 00:41:19 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	60350	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22911	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	24749	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	41728	1.853	ug/l		98
3) Chloromethane	1.33	50	34588	1.681	ug/l		99
4) Vinyl Chloride	1.40	62	42988	1.782	ug/l		95
5) Bromomethane	1.63	94	27254	2.031	ug/l		97
6) Chloroethane	1.70	64	25813	1.831	ug/l		100
7) Trichlorofluoromethane	1.88	101	59442	1.764	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	35442	1.992	ug/l		89
9) 1,1-Dichloroethene	2.28	96	34083	1.958	ug/l		69
10) Iodomethane	2.41	142	18452	0.987	ug/l	#	73
11) Allyl Chloride	2.59	41	47187	1.616	ug/l		82
12) Acrylonitrile	2.93	53	15047	3.856	ug/l		96
13) Acetone	2.32	43	33405	8.883	ug/l	#	75
14) Carbon Disulfide	2.47	76	109955	1.789	ug/l		98
15) Methylene Chloride	2.70	84	41679	1.974	ug/l	#	73
16) trans-1,2-Dichloroethene	2.98	96	38412	1.973	ug/l	#	73
17) 1,1-Dichloroethane	3.44	63	66026	2.140	ug/l		96
18) 2-Butanone	4.28	43	41300	9.826	ug/l		95
19) Cyclohexane	4.99	56	42166	1.474	ug/l		86
20) Methylcyclohexane	6.41	83	56669	1.886	ug/l	#	86
21) 2,2-Dichloropropane	4.22	77	50750	1.777	ug/l	#	88
22) cis-1,2-Dichloroethene	4.22	96	38674	2.109	ug/l		76
23) Diethyl Ether	2.10	59	25642	1.834	ug/l		87
24) tert-Butyl Alcohol	2.83	59	26559	18.280	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	89326	1.822	ug/l	#	80
26) Bromochloromethane	4.54	128	17380	2.145	ug/l		71
27) Chloroform	4.67	83	61990	2.066	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	54319	1.953	ug/l		94
29) 1,1-Dichloropropene	5.13	75	46699	1.934	ug/l		91
30) Carbon Tetrachloride	5.13	117	46887	1.862	ug/l		97
31) Isopropyl Ether	3.58	45	87794	1.886	ug/l		91
32) Ethyl-t-butyl ether	4.07	59	88961	1.907	ug/l		92
33) Tert-Amyl methyl ether	5.58	73	81907	1.942	ug/l		100
34) Propionitrile	4.34	54	11090	10.038	ug/l	#	92
35) Benzene	5.39	78	139741	2.093	ug/l		98
36) 1,2-Dichloroethane	5.40	62	38292	1.896	ug/l	#	86
37) Trichloroethene	6.18	130	40058	2.091	ug/l		88
38) 1,2-Dichloropropane	6.43	63	35041	2.018	ug/l		100
39) Methacrylonitrile	4.55	41	10110	1.787	ug/l	#	89
40) Methyl acrylate	4.43	55	17063	1.998	ug/l	#	90
41) Tetrahydrofuran	4.65	42	10420	3.656	ug/l		91
42) 1-Chlorobutane	5.06	56	61747	1.909	ug/l		85

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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	18839	2.036	ug/l		90
44) Bromodichloromethane	6.75	83	43832	1.859	ug/l		97
45) 4-Methyl-2-Pentanone	7.46	43	92260	8.504	ug/l	#	87
46) t-1,4-Dichloro-2-butene	10.51	75	13855m	2.621	ug/l		
47) Methyl methacrylate	6.62	69	30729	3.774	ug/l	#	70
48) Ethyl methacrylate	8.02	69	30929	1.770	ug/l		78
49) Toluene	7.63	92	87059	2.038	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	38617	1.671	ug/l		92
51) cis-1,3-Dichloropropene	7.27	75	48340	1.760	ug/l	#	84
52) 1,1,2-Trichloroethane	8.06	97	26764	2.184	ug/l		95
53) 1,3-Dichloropropane	8.24	76	44826	2.083	ug/l		97
54) 2-Hexanone	8.36	43	67488	8.875	ug/l		88
55) Dibromochloromethane	8.48	129	30439	1.748	ug/l		96
56) 1,2-Dibromoethane	8.58	107	25273	2.011	ug/l		98
58) Tetrachloroethene	8.22	164	40252	2.258	ug/l		97
59) Chlorobenzene	9.12	112	99608	2.070	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	34511	1.941	ug/l		95
61) Pentachloroethane	11.10	117	23906	1.735	ug/l		91
62) Hexachloroethane	12.14	117	25032	1.664	ug/l		95
63) Ethyl Benzene	9.25	91	162260	1.942	ug/l		94
64) m/p-Xylenes	9.37	106	127938	3.939	ug/l		88
65) o-Xylene	9.78	106	63782	2.001	ug/l		85
66) Styrene	9.79	104	104193	1.961	ug/l		92
67) Bromoform	9.95	173	17999	1.661	ug/l		97
69) Isopropylbenzene	10.16	105	168966	1.984	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.46	83	32799	2.089	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	23892m	2.216	ug/l		
72) Bromobenzene	10.45	156	43157	2.090	ug/l		83
73) n-propylbenzene	10.58	120	47069	1.984	ug/l		80
74) 2-Chlorotoluene	10.66	126	41978	2.078	ug/l		80
75) 1,3,5-Trimethylbenzene	10.77	105	140547	1.914	ug/l		95
76) 4-Chlorotoluene	10.77	126	41286	1.969	ug/l		81
77) tert-Butylbenzene	11.10	119	142704	1.966	ug/l		90
78) 1,2,4-Trimethylbenzene	11.14	105	141705	1.906	ug/l		95
79) sec-Butylbenzene	11.32	105	182152	1.918	ug/l		96
80) Nitrobenzene	12.88	77	1878m	2.684	ug/l		
81) p-Isopropyltoluene	11.47	119	154722	1.922	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	84407	2.084	ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	82704	2.050	ug/l		96
84) n-Butylbenzene	11.89	91	133686	1.810	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	79543	2.077	ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4836	1.650	ug/l	#	69
87) 1,2,4-Trichlorobenzene	13.50	180	50235	1.867	ug/l		98
88) Hexachlorobutadiene	13.69	225	31919	2.049	ug/l		99
89) Naphthalene	13.74	128	77111	1.690	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	48171	1.959	ug/l		96

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

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