Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029674.D
Acq On : 26 Feb 2019 11:41
Operator : JC/SP
Sample : VU0226WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:31:51 AM

Quant Time: Feb 27 00:42:40 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	61290	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	21865	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	25525	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	41121	1.798	ug/l		99
3) Chloromethane	1.33	50	34471	1.649	ug/l		99
4) Vinyl Chloride	1.40	62	43177	1.762	ug/l		99
5) Bromomethane	1.63	94	27042	1.984	ug/l		97
6) Chloroethane	1.70	64	26099	1.823	ug/l		96
7) Trichlorofluoromethane	1.88	101	60430	1.766	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33851	1.874	ug/l		87
9) 1,1-Dichloroethene	2.28	96	33023	1.868	ug/l		69
10) Iodomethane	2.41	142	18518	0.979	ug/l	#	75
11) Allyl Chloride	2.59	41	46145	1.556	ug/l	#	80
12) Acrylonitrile	2.94	53	14325	3.615	ug/l		97
13) Acetone	2.32	43	30349	7.946	ug/l	#	81
14) Carbon Disulfide	2.47	76	107646	1.724	ug/l		99
15) Methylene Chloride	2.70	84	39431	1.839	ug/l	#	76
16) trans-1,2-Dichloroethene	2.98	96	37337	1.888	ug/l	#	77
17) 1,1-Dichloroethane	3.44	63	66509	2.123	ug/l		96
18) 2-Butanone	4.28	43	39202	9.184	ug/l		98
19) Cyclohexane	4.99	56	40540	1.396	ug/l	#	81
20) Methylcyclohexane	6.41	83	57467	1.883	ug/l	#	85
21) 2,2-Dichloropropane	4.22	77	49753	1.716	ug/l	#	90
22) cis-1,2-Dichloroethene	4.22	96	39086	2.099	ug/l		74
23) Diethyl Ether	2.10	59	24981	1.759	ug/l		86
24) tert-Butyl Alcohol	2.84	59	25644	17.380	ug/l		100
25) Methyl tert-Butyl Ether	3.00	73	85836	1.724	ug/l	#	79
26) Bromochloromethane	4.54	128	17261	2.098	ug/l		70
27) Chloroform	4.67	83	59898	1.966	ug/l		100
28) 1,1,1-Trichloroethane	4.91	97	53201	1.884	ug/l		93
29) 1,1-Dichloropropene	5.13	75	45459	1.854	ug/l		92
30) Carbon Tetrachloride	5.13	117	44463	1.739	ug/l		98
31) Isopropyl Ether	3.58	45	83995	1.777	ug/l		89
32) Ethyl-t-butyl ether	4.07	59	85727	1.809	ug/l		90
33) Tert-Amyl methyl ether	5.58	73	76674	1.790	ug/l		97
34) Propionitrile	4.33	54	11954	10.654	ug/l	#	94
35) Benzene	5.38	78	136566	2.014	ug/l		96
36) 1,2-Dichloroethane	5.40	62	37102	1.809	ug/l	#	89
37) Trichloroethene	6.18	130	40797	2.097	ug/l		86
38) 1,2-Dichloropropane	6.43	63	33611	1.906	ug/l		97
39) Methacrylonitrile	4.55	41	10031	1.746	ug/l	#	88
40) Methyl acrylate	4.43	55	15522	1.790	ug/l	#	90
41) Tetrahydrofuran	4.65	42	10002	3.456	ug/l	#	86
42) 1-Chlorobutane	5.06	56	60186	1.832	ug/l		83

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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	18285	1.945	ug/l		93
44) Bromodichloromethane	6.75	83	42048	1.756	ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	92991	8.440	ug/l	#	88
46) t-1,4-Dichloro-2-butene	10.50	75	15401m	2.869	ug/l		
47) Methyl methacrylate	6.63	69	30950	3.743	ug/l	#	70
48) Ethyl methacrylate	8.02	69	29390	1.657	ug/l		77
49) Toluene	7.63	92	85124	1.962	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	37724	1.607	ug/l		92
51) cis-1,3-Dichloropropene	7.27	75	47083	1.688	ug/l	#	87
52) 1,1,2-Trichloroethane	8.06	97	25990	2.089	ug/l		99
53) 1,3-Dichloropropane	8.24	76	41314	1.890	ug/l		100
54) 2-Hexanone	8.36	43	64653	8.371	ug/l		85
55) Dibromochloromethane	8.47	129	31217	1.765	ug/l		96
56) 1,2-Dibromoethane	8.58	107	24900	1.950	ug/l		100
58) Tetrachloroethene	8.22	164	39325	2.172	ug/l		90
59) Chlorobenzene	9.12	112	97389	1.993	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	33973	1.881	ug/l		96
61) Pentachloroethane	11.10	117	24029	1.717	ug/l		95
62) Hexachloroethane	12.14	117	24037	1.573	ug/l		99
63) Ethyl Benzene	9.25	91	158000	1.862	ug/l		95
64) m/p-Xylenes	9.37	106	126492	3.835	ug/l		86
65) o-Xylene	9.77	106	60475	1.868	ug/l		91
66) Styrene	9.79	104	101101	1.873	ug/l	#	91
67) Bromoform	9.95	173	18123	1.647	ug/l		94
69) Isopropylbenzene	10.16	105	162342	1.877	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.45	83	32244	2.022	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	24568m	2.243	ug/l		
72) Bromobenzene	10.45	156	42253	2.015	ug/l		85
73) n-propylbenzene	10.58	120	44473	1.846	ug/l		84
74) 2-Chlorotoluene	10.66	126	39696	1.935	ug/l		81
75) 1,3,5-Trimethylbenzene	10.77	105	135090	1.811	ug/l		93
76) 4-Chlorotoluene	10.77	126	39636	1.861	ug/l		76
77) tert-Butylbenzene	11.10	119	134597	1.826	ug/l		92
78) 1,2,4-Trimethylbenzene	11.14	105	139092	1.842	ug/l		95
79) sec-Butylbenzene	11.32	105	183075	1.898	ug/l		97
80) Nitrobenzene	12.88	77	1780m	2.505	ug/l		
81) p-Isopropyltoluene	11.47	119	152109	1.860	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	83522	2.030	ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	82554	2.015	ug/l		97
84) n-Butylbenzene	11.89	91	132229	1.762	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	77425	1.991	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4443	1.493	ug/l	#	61
87) 1,2,4-Trichlorobenzene	13.50	180	51858	1.898	ug/l		97
88) Hexachlorobutadiene	13.69	225	32228	2.037	ug/l		99
89) Naphthalene	13.74	128	81924	1.768	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	48489	1.942	ug/l		96

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

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