Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020819\
Data File : VU029385.D
Acq On : 08 Feb 2019 19:31
Operator : JC/SP
Sample : VU0208WBS02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0208WBS02

Manual Integrations APPROVED
MMDadoda
2/18/2019 12:16:01 PM

Quant Time: Feb 09 04:05:35 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	52169	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19845	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21501	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	34067	1.750	ug/l		98
3) Chloromethane	1.33	50	30005	1.687	ug/l		99
4) Vinyl Chloride	1.40	62	36276	1.739	ug/l		100
5) Bromomethane	1.63	94	26752	2.306	ug/l		100
6) Chloroethane	1.70	64	21572	1.770	ug/l		98
7) Trichlorofluoromethane	1.88	101	56467	1.939	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30508	1.984	ug/l		87
9) 1,1-Dichloroethene	2.29	96	28898	1.920	ug/l		71
10) Iodomethane	2.41	142	28848	1.542	ug/l	#	79
11) Allyl Chloride	2.59	41	42707	1.692	ug/l		89
12) Acrylonitrile	2.93	53	11595	3.438	ug/l		97
13) Acetone	2.32	43	26554	8.168	ug/l	#	84
14) Carbon Disulfide	2.48	76	95039	1.789	ug/l		98
15) Methylene Chloride	2.70	84	35940	1.969	ug/l	#	74
16) trans-1,2-Dichloroethene	2.98	96	32712	1.944	ug/l	#	78
17) 1,1-Dichloroethane	3.44	63	58498	2.193	ug/l		97
18) 2-Butanone	4.28	43	30877	8.498	ug/l		92
19) Cyclohexane	4.99	56	34818	1.408	ug/l	#	82
20) Methylcyclohexane	6.41	83	48943	1.884	ug/l	#	82
21) 2,2-Dichloropropane	4.22	77	44222	1.791	ug/l	#	89
22) cis-1,2-Dichloroethene	4.22	96	31452	1.984	ug/l		76
23) Diethyl Ether	2.10	59	22083	1.827	ug/l		87
24) tert-Butyl Alcohol	2.83	59	24558	19.554	ug/l		96
25) Methyl tert-Butyl Ether	3.00	73	79763	1.882	ug/l	#	85
26) Bromochloromethane	4.55	128	14263	2.037	ug/l		68
27) Chloroform	4.67	83	50325	1.940	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	46857	1.949	ug/l		94
29) 1,1-Dichloropropene	5.13	75	37695	1.806	ug/l		90
30) Carbon Tetrachloride	5.13	117	42154	1.937	ug/l		98
31) Isopropyl Ether	3.58	45	87327	2.170	ug/l		92
32) Ethyl-t-butyl ether	4.07	59	72453	1.797	ug/l		91
33) Tert-Amyl methyl ether	5.58	73	67626	1.855	ug/l		98
34) Propionitrile	4.33	54	9329	9.768	ug/l	#	83
35) Benzene	5.39	78	108102	1.873	ug/l		100
36) 1,2-Dichloroethane	5.40	62	31600	1.810	ug/l	#	88
37) Trichloroethene	6.18	130	33457	2.020	ug/l		84
38) 1,2-Dichloropropane	6.43	63	27465	1.829	ug/l		90
39) Methacrylonitrile	4.55	41	7212	1.475	ug/l	#	83
40) Methyl acrylate	4.43	55	12518	1.696	ug/l	#	84
41) Tetrahydrofuran	4.65	42	8153	3.309	ug/l	#	77
42) 1-Chlorobutane	5.06	56	49662	1.776	ug/l		82

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	14423	1.803 ug/l	#	85
44) Bromodichloromethane	6.76	83	37209	1.825 ug/l		90
45) 4-Methyl-2-Pentanone	7.46	43	79948	8.525 ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.52	75	14098m	3.086 ug/l		
47) Methyl methacrylate	6.63	69	25940	3.685 ug/l	#	73
48) Ethyl methacrylate	8.02	69	28114	1.862 ug/l		78
49) Toluene	7.63	92	72421	1.961 ug/l		96
50) t-1,3-Dichloropropene	7.88	75	35016	1.752 ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	42310	1.782 ug/l	#	85
52) 1,1,2-Trichloroethane	8.07	97	20437	1.930 ug/l		98
53) 1,3-Dichloropropane	8.24	76	34596	1.859 ug/l		99
54) 2-Hexanone	8.36	43	53311	8.110 ug/l		86
55) Dibromochloromethane	8.48	129	28404	1.887 ug/l		99
56) 1,2-Dibromoethane	8.59	107	20398	1.877 ug/l		97
58) Tetrachloroethene	8.22	164	32013	2.077 ug/l		93
59) Chlorobenzene	9.12	112	82991	1.995 ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	30271	1.969 ug/l		98
61) Pentachloroethane	11.10	117	22519	1.890 ug/l		86
62) Hexachloroethane	12.14	117	23773	1.828 ug/l		92
63) Ethyl Benzene	9.25	91	137909	1.909 ug/l		96
64) m/p-Xylenes	9.37	106	111604	3.975 ug/l		83
65) o-Xylene	9.78	106	53718	1.949 ug/l		87
66) Styrene	9.79	104	87679	1.909 ug/l		93
67) Bromoform	9.96	173	18204	1.944 ug/l		99
69) Isopropylbenzene	10.16	105	143740	1.952 ug/l		94
70) 1,1,2,2-Tetrachloroethane	10.46	83	26158	1.927 ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	18785m	2.015 ug/l		
72) Bromobenzene	10.45	156	37291	2.090 ug/l		83
73) n-propylbenzene	10.58	120	41157	2.007 ug/l		77
74) 2-Chlorotoluene	10.66	126	35462	2.031 ug/l		76
75) 1,3,5-Trimethylbenzene	10.77	105	119256	1.879 ug/l		96
76) 4-Chlorotoluene	10.77	126	36063	1.990 ug/l		75
77) tert-Butylbenzene	11.10	119	121149	1.931 ug/l		92
78) 1,2,4-Trimethylbenzene	11.15	105	122538	1.907 ug/l		94
79) sec-Butylbenzene	11.32	105	158876	1.935 ug/l		94
80) Nitrobenzene	12.87	77	3474m	5.744 ug/l		
81) p-Isopropyltoluene	11.47	119	135658	1.949 ug/l		93
82) 1,3-Dichlorobenzene	11.42	146	71302	2.036 ug/l		96
83) 1,4-Dichlorobenzene	11.51	146	70834	2.031 ug/l		98
84) n-Butylbenzene	11.89	91	119734	1.875 ug/l	#	96
85) 1,2-Dichlorobenzene	11.88	146	68048	2.055 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4246	1.676 ug/l	#	60
87) 1,2,4-Trichlorobenzene	13.50	180	46784	2.012 ug/l		95
88) Hexachlorobutadiene	13.69	225	29657	2.202 ug/l		98
89) Naphthalene	13.74	128	80439	2.040 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	45383	2.136 ug/l		98

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

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