Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029841.D
Acq On : 06 Mar 2019 16:03
Operator : JC/SP
Sample : VU0307WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0307WBSD01

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:50:41 PM

Quant Time: Mar 08 01:53:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	62689	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21710	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	25828	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	39194	1.868	ug/l	100
3) Chloromethane	1.33	50	35738	1.913	ug/l	97
4) Vinyl Chloride	1.40	62	40652	1.935	ug/l	96
5) Bromomethane	1.63	94	26338	1.835	ug/l	100
6) Chloroethane	1.70	64	24556	1.949	ug/l	99
7) Trichlorofluoromethane	1.88	101	55346	1.933	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33061	1.985	ug/l	99
9) 1,1-Dichloroethene	2.28	96	30973	1.899	ug/l	98
10) Iodomethane	2.41	142	28149	2.037	ug/l	97
11) Allyl Chloride	2.59	41	41936	1.829	ug/l	94
12) Acrylonitrile	2.94	53	13372	3.761	ug/l	97
13) Acetone	2.32	43	26881	9.129	ug/l	100
14) Carbon Disulfide	2.47	76	98166	1.859	ug/l	100
15) Methylene Chloride	2.69	84	37780	1.931	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	34836	1.891	ug/l	98
17) 1,1-Dichloroethane	3.44	63	58216	1.889	ug/l	98
18) 2-Butanone	4.28	43	36765	9.187	ug/l	100
19) Cyclohexane	4.99	56	45339m	1.895	ug/l	
20) Methylcyclohexane	6.41	83	52600	1.887	ug/l	98
21) 2,2-Dichloropropane	4.22	77	46848	1.860	ug/l	97
22) cis-1,2-Dichloroethene	4.22	96	37646	1.928	ug/l	99
23) Diethyl Ether	2.10	59	23555	1.927	ug/l	98
24) tert-Butyl Alcohol	2.83	59	23824	18.892	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	79838	1.944	ug/l	98
26) Bromochloromethane	4.54	128	16747	1.932	ug/l	96
27) Chloroform	4.67	83	59623	1.910	ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	49272	1.862	ug/l	97
29) 1,1-Dichloropropene	5.13	75	43695	1.858	ug/l	97
30) Carbon Tetrachloride	5.13	117	43930	1.903	ug/l	98
31) Isopropyl Ether	3.58	45	82450	1.940	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	80644	1.952	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	74364	1.946	ug/l	99
34) Propionitrile	4.33	54	10397	8.734	ug/l #	96
35) Benzene	5.38	78	134416	1.940	ug/l	100
36) 1,2-Dichloroethane	5.40	62	35730	1.889	ug/l	100
37) Trichloroethene	6.18	130	38643	1.911	ug/l	95
38) 1,2-Dichloropropane	6.43	63	35332	2.015	ug/l	100
39) Methacrylonitrile	4.55	41	9427	1.883	ug/l	97
40) Methyl acrylate	4.43	55	14513	1.834	ug/l	96
41) Tetrahydrofuran	4.65	42	9927	3.790	ug/l	94
42) 1-Chlorobutane	5.06	56	57786	1.924	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0307WBSD01

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Quant Time: Mar 08 01:53:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	18208	2.004 ug/l	98
44) Bromodichloromethane	6.76	83	41222	1.847 ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	91730	9.678 ug/l	97
46) t-1,4-Dichloro-2-butene	10.51	75	12590m	3.177 ug/l	
47) Methyl methacrylate	6.63	69	29437	3.775 ug/l	98
48) Ethyl methacrylate	8.02	69	27850	1.864 ug/l	100
49) Toluene	7.63	92	80779	1.899 ug/l	97
50) t-1,3-Dichloropropene	7.88	75	35953	1.838 ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	45074	1.862 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	27169	2.020 ug/l	96
53) 1,3-Dichloropropane	8.24	76	42416	1.923 ug/l	100
54) 2-Hexanone	8.36	43	59196	8.993 ug/l	98
55) Dibromochloromethane	8.48	129	29510	1.848 ug/l	99
56) 1,2-Dibromoethane	8.58	107	23494	1.842 ug/l	95
58) Tetrachloroethene	8.22	164	41016	1.985 ug/l	97
59) Chlorobenzene	9.12	112	94977	1.943 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	33623	1.917 ug/l	99
61) Pentachloroethane	11.10	117	22600	1.851 ug/l	99
62) Hexachloroethane	12.14	117	22394	1.743 ug/l	96
63) Ethyl Benzene	9.25	91	150113	1.874 ug/l	99
64) m/p-Xylenes	9.37	106	120826	3.816 ug/l	99
65) o-Xylene	9.78	106	58914	1.938 ug/l	100
66) Styrene	9.79	104	96661	1.913 ug/l	98
67) Bromoform	9.95	173	17268	1.842 ug/l	97
69) Isopropylbenzene	10.16	105	153569	1.905 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	31754	1.936 ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	21965m	1.802 ug/l	
72) Bromobenzene	10.45	156	40502	1.898 ug/l	96
73) n-propylbenzene	10.58	120	42280	1.865 ug/l	98
74) 2-Chlorotoluene	10.66	126	38718	1.926 ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	127634	1.879 ug/l	100
76) 4-Chlorotoluene	10.77	126	40714	1.986 ug/l	95
77) tert-Butylbenzene	11.10	119	127709	1.900 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	130709	1.904 ug/l	97
79) sec-Butylbenzene	11.32	105	171093	1.921 ug/l	100
80) Nitrobenzene	12.87	77	1746m	5.863 ug/l	
81) p-Isopropyltoluene	11.47	119	142499	1.911 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	80221	1.898 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	78421	1.899 ug/l	99
84) n-Butylbenzene	11.89	91	123421	1.817 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	74666	1.873 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4254	1.816 ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	45475	1.782 ug/l	98
88) Hexachlorobutadiene	13.69	225	30573	1.902 ug/l	96
89) Naphthalene	13.74	128	70454	1.819 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	45445	1.895 ug/l	98

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

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