Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
Data File : VU044320.D
Acq On : 07 Jul 2021 17:31
Operator : SY/MD
Sample : VU0707WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBSD01

Manual Integrations APPROVED
MMDadoda
7/9/2021 6:26:50 PM

Quant Time: Jul 08 08:46:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 08:40:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	26371	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11088	0.949	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	11999	1.030	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	16738	1.833	ug/l	100
3) Chloromethane	1.527	50	16394	1.864	ug/l	99
4) Vinyl Chloride	1.610	62	16931	1.831	ug/l	99
5) Bromomethane	1.864	94	10788	1.959	ug/l	97
6) Chloroethane	1.942	64	11682	1.893	ug/l	97
7) Trichlorofluoromethane	2.147	101	25379	1.812	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	14905	1.847	ug/l	98
9) 1,1-Dichloroethene	2.588	96	13301	1.886	ug/l	100
10) Iodomethane	2.733	142	10792	1.682	ug/l	100
11) Allyl Chloride	2.932	41	21991	1.755	ug/l	99
12) Acrylonitrile	3.327	53	5769	3.654	ug/l #	84
13) Acetone	2.636	43	11211	10.702	ug/l	99
14) Carbon Disulfide	2.800	76	34935	1.831	ug/l	99
15) Methylene Chloride	3.054	84	16829	1.187	ug/l	98
16) trans-1,2-Dichloroethene	3.360	96	13774	1.765	ug/l	98
17) 1,1-Dichloroethane	3.880	63	28720	1.823	ug/l	98
18) 2-Butanone	4.732	43	20871	10.152	ug/l	95
19) Cyclohexane	5.388	56	23865	1.892	ug/l	97
20) Methylcyclohexane	6.768	83	22645	1.748	ug/l	97
21) 2,2-Dichloropropane	4.675	77	28779	1.877	ug/l	97
22) cis-1,2-Dichloroethene	4.678	96	16990	1.847	ug/l	98
23) Diethyl Ether	2.385	59	11027	1.875	ug/l	94
24) tert-Butyl Alcohol	3.202	59	9707	21.171	ug/l #	81
25) Methyl tert-Butyl Ether	3.379	73	39695	1.833	ug/l	98
26) Bromochloromethane	4.986	128	7178	1.784	ug/l	96
27) Chloroform	5.099	83	30809	1.849	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	27475	1.868	ug/l	99
29) 1,1-Dichloropropene	5.533	75	19513	1.817	ug/l	98
30) Carbon Tetrachloride	5.530	117	20463	1.807	ug/l	96
31) Isopropyl Ether	4.015	45	49083	1.820	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	49186	1.890	ug/l	100
33) Tert-Amyl methyl ether	5.961	73	37960	1.808	ug/l	99
34) Propionitrile	4.803	54	6347	12.180	ug/l #	93
35) Benzene	5.781	78	53950	1.816	ug/l	98
36) 1,2-Dichloroethane	5.806	62	17678	1.823	ug/l	100
37) Trichloroethene	6.549	130	14971	1.807	ug/l	98
38) 1,2-Dichloropropane	6.800	63	14608	1.767	ug/l	99
39) Methacrylonitrile	4.993	41	6177	1.906	ug/l	98
40) Methyl acrylate	4.864	55	9996	2.216	ug/l #	90
41) Tetrahydrofuran	5.080	42	6207	4.598	ug/l	96
42) 1-Chlorobutane	5.466	56	27490	1.851	ug/l	96
43) Dibromomethane	6.929	93	7954	1.825	ug/l	96
44) Bromodichloromethane	7.118	83	19764	1.788	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	54367	8.721	ug/l		99
46) t-1,4-Dichloro-2-butene	10.838	75	9822m	4.023	ug/l		
47) Methyl methacrylate	6.980	69	15983	3.582	ug/l		97
48) Ethyl methacrylate	8.346	69	17150	1.797	ug/l		100
49) Toluene	7.977	92	34753	1.781	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	19243	1.710	ug/l		97
51) cis-1,3-Dichloropropene	7.617	75	22606	1.769	ug/l		98
52) 1,1,2-Trichloroethane	8.411	97	11161	1.846	ug/l		98
53) 1,3-Dichloropropane	8.588	76	20101	1.809	ug/l		97
54) 2-Hexanone	8.703	43	39469	8.701	ug/l		99
55) Dibromochloromethane	8.819	129	13568	1.743	ug/l		100
56) 1,2-Dibromoethane	8.932	107	10916	1.806	ug/l		100
58) Tetrachloroethene	8.559	164	13632	1.783	ug/l		98
59) Chlorobenzene	9.456	112	39965	1.810	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.543	131	15003	1.816	ug/l		96
61) Pentachloroethane	11.433	117	10946	1.751	ug/l		98
62) Hexachloroethane	12.481	117	11899	1.679	ug/l		99
63) Ethyl Benzene	9.578	91	69915	1.790	ug/l		99
64) m/p-Xylenes	9.700	106	55841	3.682	ug/l		98
65) o-Xylene	10.108	106	26835	1.810	ug/l		98
66) Styrene	10.121	104	45463	1.786	ug/l		98
67) Bromoform	10.298	173	8112	1.805	ug/l		98
69) Isopropylbenzene	10.491	105	72494	1.788	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	13958	1.719	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	11085m	1.731	ug/l		
72) Bromobenzene	10.790	156	17631	1.864	ug/l		100
73) n-propylbenzene	10.912	120	20116	1.810	ug/l		100
74) 2-Chlorotoluene	10.993	126	17248	1.800	ug/l		96
75) 1,3,5-Trimethylbenzene	11.096	105	60955	1.756	ug/l		98
76) 4-Chlorotoluene	11.105	126	18834	1.869	ug/l		90
77) tert-Butylbenzene	11.427	119	62756	1.799	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	61967	1.765	ug/l		100
79) sec-Butylbenzene	11.649	105	83034	1.796	ug/l		100
80) Nitrobenzene	13.218	77	2556	7.680	ug/l	#	88
81) p-Isopropyltoluene	11.800	119	70450	1.800	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	35281	1.831	ug/l		99
83) 1,4-Dichlorobenzene	11.842	146	35653	1.861	ug/l		99
84) n-Butylbenzene	12.214	91	65209	1.740	ug/l		98
85) 1,2-Dichlorobenzene	12.218	146	33098	1.811	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2703	1.748	ug/l		99
87) 1,2,4-Trichlorobenzene	13.848	180	24385	1.861	ug/l		98
88) Hexachlorobutadiene	14.028	225	12189	1.813	ug/l		99
89) Naphthalene	14.092	128	44805	1.816	ug/l		99
90) 1,2,3-Trichlorobenzene	14.337	180	21433	1.851	ug/l		99

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

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