Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
Data File : VU045318.D
Acq On : 15 Oct 2021 13:09
Operator : SY/MD
Sample : VU1015WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 16 01:09:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU1015WBS01

Manual Integrations APPROVED
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10/22/2021 5:37:42 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	41594	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	14329	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
68) 1,2-Dichlorobenzene-d4	12.198	152	13335	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	29462	1.85	ug/l	98
3) Chloromethane	1.520	50	32520	1.96	ug/l	99
4) Vinyl Chloride	1.604	62	32467	1.89	ug/l	97
5) Bromomethane	1.851	94	12271	1.30	ug/l	99
6) Chloroethane	1.925	64	21221	1.91	ug/l	99
7) Trichlorofluoromethane	2.134	101	35886	1.79	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	22178	1.92	ug/l	100
9) 1,1-Dichloroethene	2.578	96	20133	1.86	ug/l	97
10) Iodomethane	2.723	142	18968	1.68	ug/l	99
11) Allyl Chloride	2.925	41	30776	1.94	ug/l	96
12) Acrylonitrile	3.330	53	10091	3.66	ug/l	94
13) Acetone	2.645	43	29242	8.89	ug/l	96
14) Carbon Disulfide	2.793	76	60278	1.83	ug/l	99
15) Methylene Chloride	3.047	84	32466	2.48	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	21757	1.87	ug/l	100
17) 1,1-Dichloroethane	3.874	63	42942	1.97	ug/l	99
18) 2-Butanone	4.719	43	35653	8.52	ug/l	98
19) Cyclohexane	5.391	56	36675m	1.82	ug/l	
20) Methylcyclohexane	6.767	83	35639	1.78	ug/l	98
21) 2,2-Dichloropropane	4.671	77	34586	1.87	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	24217	1.89	ug/l	98
23) Diethyl Ether	2.382	59	18518	1.81	ug/l	97
24) tert-Butyl Alcohol	3.211	59	16564	20.64	ug/l #	92
25) Methyl tert-Butyl Ether	3.372	73	52366	1.73	ug/l	99
26) Bromochloromethane	4.980	128	10138	1.86	ug/l	97
27) Chloroform	5.092	83	42786	1.92	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	34883	1.91	ug/l	100
29) 1,1-Dichloropropene	5.530	75	32078	1.92	ug/l	99
30) Carbon Tetrachloride	5.526	117	26434	1.86	ug/l	98
31) Isopropyl Ether	4.002	45	65734	1.90	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	62946	1.81	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	54143	1.76	ug/l	99
34) Propionitrile	4.790	54	9279	8.91	ug/l #	94
35) Benzene	5.777	78	93307	1.93	ug/l	99
36) 1,2-Dichloroethane	5.800	62	27887	1.81	ug/l	100
37) Trichloroethene	6.546	130	22229	1.89	ug/l	98
38) 1,2-Dichloropropane	6.793	63	24172	1.93	ug/l	99
39) Methacrylonitrile	4.983	41	7599	1.84	ug/l	95
40) Methyl acrylate	4.854	55	11153	1.62	ug/l	98
41) Tetrahydrofuran	5.067	42	7628	3.24	ug/l	89
42) 1-Chlorobutane	5.462	56	46443	1.93	ug/l	100
43) Dibromomethane	6.922	93	11398	1.83	ug/l	100
44) Bromodichloromethane	7.112	83	29049	1.87	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	70099	8.25	ug/l		98
46) t-1,4-Dichloro-2-butene	10.838	75	9308m	3.11	ug/l		
47) Methyl methacrylate	6.967	69	21205	3.36	ug/l		98
48) Ethyl methacrylate	8.340	69	20579	1.65	ug/l		96
49) Toluene	7.973	92	54701	1.84	ug/l		99
50) t-1,3-Dichloropropene	8.214	75	25736	1.69	ug/l		98
51) cis-1,3-Dichloropropene	7.610	75	31468	1.77	ug/l		99
52) 1,1,2-Trichloroethane	8.407	97	16787	1.87	ug/l		98
53) 1,3-Dichloropropane	8.581	76	29692	1.78	ug/l		99
54) 2-Hexanone	8.690	43	53503	8.15	ug/l		99
55) Dibromochloromethane	8.812	129	16695	1.77	ug/l		100
56) 1,2-Dibromoethane	8.928	107	14899	1.76	ug/l		98
58) Tetrachloroethene	8.558	164	20440	1.93	ug/l		95
59) Chlorobenzene	9.452	112	56030	1.82	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.539	131	19348	1.89	ug/l		99
61) Pentachloroethane	11.433	117	14173	1.90	ug/l		96
62) Hexachloroethane	12.478	117	14558	1.86	ug/l		99
63) Ethyl Benzene	9.574	91	97094	1.75	ug/l		96
64) m/p-Xylenes	9.700	106	74031	3.52	ug/l		98
65) o-Xylene	10.105	106	36341	1.77	ug/l		100
66) Styrene	10.118	104	58101	1.73	ug/l		100
67) Bromoform	10.295	173	8360	1.69	ug/l		99
69) Isopropylbenzene	10.488	105	94136	1.75	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.787	83	19907	1.73	ug/l		100
71) 1,2,3-Trichloropropane	10.828	75	16599m	1.75	ug/l		
72) Bromobenzene	10.787	156	21586	1.81	ug/l		99
73) n-propylbenzene	10.909	120	24391	1.73	ug/l		99
74) 2-Chlorotoluene	10.989	126	22289	1.83	ug/l		99
75) 1,3,5-Trimethylbenzene	11.092	105	79944	1.78	ug/l		98
76) 4-Chlorotoluene	11.102	126	22512	1.81	ug/l		97
77) tert-Butylbenzene	11.423	119	76313	1.75	ug/l		99
78) 1,2,4-Trimethylbenzene	11.471	105	80803	1.76	ug/l		99
79) sec-Butylbenzene	11.648	105	104284	1.73	ug/l		98
80) Nitrobenzene	13.211	77	2499	7.61	ug/l	#	91
81) p-Isopropyltoluene	11.796	119	82327	1.71	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	41697	1.75	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	41638	1.77	ug/l		100
84) n-Butylbenzene	12.214	91	73747	1.60	ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	39785	1.76	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	3112	1.62	ug/l		93
87) 1,2,4-Trichlorobenzene	13.844	180	21683	1.56	ug/l		98
88) Hexachlorobutadiene	14.024	225	11518	1.77	ug/l		97
89) Naphthalene	14.092	128	37250	1.36	ug/l		98
90) 1,2,3-Trichlorobenzene	14.333	180	20096	1.55	ug/l		97

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

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