Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
Data File : VU045319.D
Acq On : 15 Oct 2021 13:51
Operator : SY/MD
Sample : VU1015WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 01:09:55 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 :
VU1015WBSD01

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	41739	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	14077	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	12.198	152	13337	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	26985	1.69	ug/l	100
3) Chloromethane	1.520	50	29930	1.80	ug/l	99
4) Vinyl Chloride	1.604	62	30233	1.75	ug/l	96
5) Bromomethane	1.855	94	15420	1.63	ug/l	97
6) Chloroethane	1.932	64	17601	1.58	ug/l	99
7) Trichlorofluoromethane	2.134	101	34224	1.70	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	20248	1.74	ug/l	98
9) 1,1-Dichloroethene	2.578	96	18587	1.71	ug/l	99
10) Iodomethane	2.723	142	18226	1.60	ug/l	100
11) Allyl Chloride	2.925	41	28221	1.77	ug/l	96
12) Acrylonitrile	3.330	53	8837	3.19	ug/l	98
13) Acetone	2.646	43	27570	8.35	ug/l	99
14) Carbon Disulfide	2.793	76	55153	1.67	ug/l	99
15) Methylene Chloride	3.051	84	29117	2.22	ug/l	96
16) trans-1,2-Dichloroethene	3.356	96	20344	1.74	ug/l	98
17) 1,1-Dichloroethane	3.874	63	38378	1.75	ug/l	99
18) 2-Butanone	4.723	43	36488	8.69	ug/l	99
19) Cyclohexane	5.395	56	33851m	1.67	ug/l	
20) Methylcyclohexane	6.768	83	32860	1.63	ug/l	99
21) 2,2-Dichloropropane	4.671	77	31918	1.72	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	22481	1.75	ug/l	99
23) Diethyl Ether	2.382	59	16742	1.63	ug/l	96
24) tert-Butyl Alcohol	3.234	59	13520m	16.79	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	48804	1.61	ug/l	99
26) Bromochloromethane	4.983	128	9522	1.74	ug/l	99
27) Chloroform	5.096	83	40064	1.79	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	31862	1.74	ug/l	98
29) 1,1-Dichloropropene	5.533	75	28692	1.71	ug/l	98
30) Carbon Tetrachloride	5.526	117	24476	1.72	ug/l	97
31) Isopropyl Ether	4.002	45	59331	1.71	ug/l	95
32) Ethyl-t-butyl ether	4.510	59	58357	1.67	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	49762	1.61	ug/l	99
34) Propionitrile	4.800	54	6400	6.13	ug/l #	92
35) Benzene	5.780	78	86585	1.79	ug/l	100
36) 1,2-Dichloroethane	5.800	62	26334	1.70	ug/l	99
37) Trichloroethene	6.549	130	20477	1.74	ug/l	96
38) 1,2-Dichloropropane	6.797	63	21931	1.74	ug/l	98
39) Methacrylonitrile	4.983	41	7006	1.69	ug/l	93
40) Methyl acrylate	4.858	55	10047	1.46	ug/l #	97
41) Tetrahydrofuran	5.076	42	6834	2.89	ug/l	96
42) 1-Chlorobutane	5.465	56	41852	1.74	ug/l	99
43) Dibromomethane	6.925	93	10535	1.69	ug/l	98
44) Bromodichloromethane	7.112	83	26809	1.72	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	66951	7.85	ug/l		97
46) t-1,4-Dichloro-2-butene	10.841	75	7921m	2.64	ug/l		
47) Methyl methacrylate	6.967	69	19960	3.15	ug/l		99
48) Ethyl methacrylate	8.340	69	19142	1.53	ug/l		100
49) Toluene	7.973	92	52083	1.74	ug/l		97
50) t-1,3-Dichloropropene	8.214	75	24509	1.61	ug/l		97
51) cis-1,3-Dichloropropene	7.613	75	29456	1.65	ug/l		99
52) 1,1,2-Trichloroethane	8.407	97	15104	1.68	ug/l		94
53) 1,3-Dichloropropane	8.581	76	28171	1.68	ug/l		99
54) 2-Hexanone	8.694	43	55188	8.38	ug/l		97
55) Dibromochloromethane	8.816	129	15541	1.64	ug/l		98
56) 1,2-Dibromoethane	8.931	107	14321	1.69	ug/l		97
58) Tetrachloroethene	8.559	164	19004	1.79	ug/l		98
59) Chlorobenzene	9.452	112	52699	1.70	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.539	131	17751	1.73	ug/l		99
61) Pentachloroethane	11.433	117	12902	1.72	ug/l		96
62) Hexachloroethane	12.481	117	12850	1.63	ug/l		97
63) Ethyl Benzene	9.575	91	89313	1.61	ug/l		99
64) m/p-Xylenes	9.700	106	68431	3.25	ug/l		98
65) o-Xylene	10.105	106	33964	1.65	ug/l		98
66) Styrene	10.118	104	54672	1.62	ug/l		100
67) Bromoform	10.295	173	7699	1.56	ug/l		99
69) Isopropylbenzene	10.488	105	89695	1.66	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.787	83	19023	1.64	ug/l		97
71) 1,2,3-Trichloropropane	10.832	75	15305m	1.61	ug/l		
72) Bromobenzene	10.787	156	20086	1.68	ug/l		100
73) n-propylbenzene	10.909	120	23387	1.65	ug/l		96
74) 2-Chlorotoluene	10.992	126	20414	1.67	ug/l		99
75) 1,3,5-Trimethylbenzene	11.092	105	73432	1.63	ug/l		100
76) 4-Chlorotoluene	11.102	126	20927	1.68	ug/l		98
77) tert-Butylbenzene	11.427	119	71278	1.63	ug/l		99
78) 1,2,4-Trimethylbenzene	11.472	105	75370	1.64	ug/l		98
79) sec-Butylbenzene	11.648	105	98610	1.63	ug/l		99
80) Nitrobenzene	13.214	77	2529	7.68	ug/l	#	94
81) p-Isopropyltoluene	11.800	119	78018	1.61	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	40833	1.71	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	39335	1.67	ug/l		100
84) n-Butylbenzene	12.214	91	70296	1.52	ug/l		99
85) 1,2-Dichlorobenzene	12.218	146	37636	1.66	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2934	1.53	ug/l		93
87) 1,2,4-Trichlorobenzene	13.844	180	20960	1.50	ug/l		99
88) Hexachlorobutadiene	14.028	225	11115	1.70	ug/l		98
89) Naphthalene	14.092	128	35829	1.31	ug/l		98
90) 1,2,3-Trichlorobenzene	14.336	180	19049	1.47	ug/l		99

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

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