Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044542.D
Acq On : 01 Sep 2021 09:29
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 02 11:42:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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9/2/2021 2:03:42 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	21270	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	9058	1.112	ug/l	0.00
Spiked Amount 1.000			Recovery = 111.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	9361	0.991	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	90316	10.616	ug/l	100
3) Chloromethane	1.523	50	99123	10.206	ug/l	98
4) Vinyl Chloride	1.607	62	113638	10.147	ug/l	98
5) Bromomethane	1.861	94	89807	9.972	ug/l	98
6) Chloroethane	1.938	64	85551	10.152	ug/l	100
7) Trichlorofluoromethane	2.144	101	186867	10.372	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	114649	10.497	ug/l	99
9) 1,1-Dichloroethene	2.588	96	104146	10.328	ug/l	100
10) Iodomethane	2.729	142	130134	10.695	ug/l	100
11) Allyl Chloride	2.929	41	118698	10.324	ug/l	100
12) Acrylonitrile	3.327	53	38162	20.968	ug/l	94
13) Acetone	2.636	43	50702	48.013	ug/l	99
14) Carbon Disulfide	2.800	76	309951	10.582	ug/l	100
15) Methylene Chloride	3.054	84	121161	7.707	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	112957	10.375	ug/l	100
17) 1,1-Dichloroethane	3.877	63	187296	10.221	ug/l	100
18) 2-Butanone	4.732	43	99289	49.928	ug/l	99
19) Cyclohexane	5.388	56	168586m	10.176	ug/l	
20) Methylcyclohexane	6.768	83	105783	10.981	ug/l	99
21) 2,2-Dichloropropane	4.674	77	172717	10.339	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	127705	10.273	ug/l	99
23) Diethyl Ether	2.385	59	73672	10.293	ug/l	99
24) tert-Butyl Alcohol	3.205	59	38715	103.054	ug/l	97
25) Methyl tert-Butyl Ether	3.379	73	254688	10.243	ug/l	100
26) Bromochloromethane	4.983	128	58763	10.023	ug/l	99
27) Chloroform	5.099	83	213124	9.959	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	185816	10.150	ug/l	99
29) 1,1-Dichloropropene	5.530	75	83995	10.449	ug/l	99
30) Carbon Tetrachloride	5.527	117	84975	10.647	ug/l	99
31) Isopropyl Ether	4.012	45	267915	10.359	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	288152	10.154	ug/l	99
33) Tert-Amyl methyl ether	5.961	73	142584	10.420	ug/l	98
34) Propionitrile	4.800	54	26000	47.525	ug/l #	95
35) Benzene	5.781	78	241818	10.472	ug/l	99
36) 1,2-Dichloroethane	5.806	62	77402	10.270	ug/l	98
37) Trichloroethene	6.549	130	68261	10.253	ug/l	99
38) 1,2-Dichloropropane	6.803	63	61831	10.628	ug/l	97
39) Methacrylonitrile	4.993	41	30872	10.066	ug/l	97
40) Methyl acrylate	4.864	55	50769	10.174	ug/l	98
41) Tetrahydrofuran	5.083	42	27438	18.357	ug/l	92
42) 1-Chlorobutane	5.462	56	109460	10.577	ug/l	99
43) Dibromomethane	6.928	93	37386	10.496	ug/l	99
44) Bromodichloromethane	7.115	83	86172	10.478	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	197124	54.061	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	36466m	23.684	ug/l	
47) Methyl methacrylate	6.977	69	64427	21.773	ug/l	96
48) Ethyl methacrylate	8.346	69	65811	10.959	ug/l	97
49) Toluene	7.977	92	167962	11.020	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	83158	11.509	ug/l	98
51) cis-1,3-Dichloropropene	7.616	75	94279	11.453	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	54899	10.834	ug/l	99
53) 1,3-Dichloropropane	8.584	76	91701	10.547	ug/l	99
54) 2-Hexanone	8.700	43	140268	54.091	ug/l	98
55) Dibromochloromethane	8.819	129	63161	11.002	ug/l	100
56) 1,2-Dibromoethane	8.932	107	53554	10.756	ug/l	98
58) Tetrachloroethene	8.559	164	67351	10.729	ug/l	98
59) Chlorobenzene	9.452	112	186312	10.783	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	65974	10.663	ug/l	98
61) Pentachloroethane	11.436	117	54262	11.057	ug/l	99
62) Hexachloroethane	12.481	117	57344	11.598	ug/l	100
63) Ethyl Benzene	9.578	91	325330	11.388	ug/l	99
64) m/p-Xylenes	9.700	106	267578	23.344	ug/l	98
65) o-Xylene	10.108	106	126131	11.361	ug/l	99
66) Styrene	10.121	104	218224	11.623	ug/l	100
67) Bromoform	10.298	173	36096	11.142	ug/l	99
69) Isopropylbenzene	10.491	105	330900	11.433	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	70951	10.405	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	48886m	10.055	ug/l	
72) Bromobenzene	10.790	156	82077	11.042	ug/l	99
73) n-propylbenzene	10.912	120	93901	11.614	ug/l	100
74) 2-Chlorotoluene	10.993	126	80870	11.152	ug/l	99
75) 1,3,5-Trimethylbenzene	11.095	105	292215	11.633	ug/l	100
76) 4-Chlorotoluene	11.102	126	86448	11.210	ug/l	97
77) tert-Butylbenzene	11.427	119	287034	11.473	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	299956	11.707	ug/l	100
79) sec-Butylbenzene	11.648	105	388480	11.448	ug/l	100
80) Nitrobenzene	13.214	77	9140	57.859	ug/l	98
81) p-Isopropyltoluene	11.800	119	329881	11.856	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	166536	11.178	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	166815	11.128	ug/l	100
84) n-Butylbenzene	12.214	91	320263	12.121	ug/l	99
85) 1,2-Dichlorobenzene	12.218	146	162429	10.859	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	11953	11.805	ug/l	96
87) 1,2,4-Trichlorobenzene	13.848	180	109071	11.655	ug/l	97
88) Hexachlorobutadiene	14.028	225	57004	10.957	ug/l	99
89) Naphthalene	14.092	128	201189	11.017	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	102275	11.291	ug/l	100

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

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