Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044384.D
Acq On : 22 Jul 2021 10:03
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 03:28:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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7/28/2021 11:08:59 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	48128	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	20210	1.040	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	18390	0.971	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	166543	9.915	ug/l	99
3) Chloromethane	1.523	50	180548	9.883	ug/l	99
4) Vinyl Chloride	1.607	62	196360	10.647	ug/l	99
5) Bromomethane	1.858	94	100027	10.170	ug/l	99
6) Chloroethane	1.935	64	114156	10.173	ug/l	100
7) Trichlorofluoromethane	2.141	101	222910	11.181	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	139904	11.105	ug/l	98
9) 1,1-Dichloroethene	2.588	96	134998	10.984	ug/l	95
10) Iodomethane	2.729	142	178538	11.101	ug/l	89
11) Allyl Chloride	2.928	41	221275	10.933	ug/l	84
12) Acrylonitrile	3.327	53	63600	22.580	ug/l	94
13) Acetone	2.636	43	83992	59.792	ug/l	90
14) Carbon Disulfide	2.800	76	430276	10.576	ug/l	100
15) Methylene Chloride	3.054	84	160127	9.180	ug/l	93
16) trans-1,2-Dichloroethene	3.359	96	146548	10.689	ug/l	99
17) 1,1-Dichloroethane	3.877	63	282614	11.069	ug/l	99
18) 2-Butanone	4.729	43	183033	60.757	ug/l	98
19) Cyclohexane	5.388	56	249289	10.680	ug/l	98
20) Methylcyclohexane	6.768	83	257195	10.566	ug/l	99
21) 2,2-Dichloropropane	4.674	77	229931	10.983	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	164476	10.978	ug/l	96
23) Diethyl Ether	2.382	59	117857	11.429	ug/l	99
24) tert-Butyl Alcohol	3.211	59	77926m	127.338	ug/l	
25) Methyl tert-Butyl Ether	3.379	73	382948	11.162	ug/l	93
26) Bromochloromethane	4.983	128	69728	10.996	ug/l	97
27) Chloroform	5.099	83	272660	11.034	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	224025	10.871	ug/l	99
29) 1,1-Dichloropropene	5.530	75	209168	10.683	ug/l	100
30) Carbon Tetrachloride	5.530	117	182005	10.593	ug/l	99
31) Isopropyl Ether	4.012	45	474818	11.179	ug/l	95
32) Ethyl-t-butyl ether	4.520	59	470715	11.239	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	401746	10.787	ug/l	98
34) Propionitrile	4.797	54	52045	61.034	ug/l	97
35) Benzene	5.780	78	605284	10.637	ug/l	100
36) 1,2-Dichloroethane	5.806	62	182922	11.202	ug/l	97
37) Trichloroethene	6.549	130	149469	10.451	ug/l	90
38) 1,2-Dichloropropane	6.803	63	158936	10.552	ug/l	99
39) Methacrylonitrile	4.993	41	56754	11.674	ug/l	98
40) Methyl acrylate	4.864	55	84630	11.188	ug/l #	98
41) Tetrahydrofuran	5.076	42	49474	21.456	ug/l	98
42) 1-Chlorobutane	5.465	56	295207	10.668	ug/l	96
43) Dibromomethane	6.928	93	81823	10.953	ug/l	96
44) Bromodichloromethane	7.115	83	192261	10.849	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	546223	53.822 ug/l		95
46) t-1,4-Dichloro-2-butene	10.841	75	92074m	21.411 ug/l		
47) Methyl methacrylate	6.977	69	175356	21.234 ug/l		92
48) Ethyl methacrylate	8.346	69	178597	10.473 ug/l		94
49) Toluene	7.976	92	380785	10.638 ug/l		100
50) t-1,3-Dichloropropene	8.221	75	196636	10.684 ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	231581	10.666 ug/l		94
52) 1,1,2-Trichloroethane	8.411	97	119396	10.848 ug/l		98
53) 1,3-Dichloropropane	8.584	76	216270	10.697 ug/l		100
54) 2-Hexanone	8.700	43	392534	54.375 ug/l		93
55) Dibromochloromethane	8.819	129	129445	10.862 ug/l		100
56) 1,2-Dibromoethane	8.931	107	114026	10.599 ug/l		100
58) Tetrachloroethene	8.558	164	131113	10.800 ug/l		99
59) Chlorobenzene	9.452	112	396961	10.489 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.542	131	134943	10.700 ug/l		98
61) Pentachloroethane	11.433	117	101435	10.065 ug/l		94
62) Hexachloroethane	12.481	117	112177	10.664 ug/l		97
63) Ethyl Benzene	9.578	91	722712	10.684 ug/l		100
64) m/p-Xylenes	9.700	106	550457	21.296 ug/l		99
65) o-Xylene	10.105	106	268487	10.763 ug/l		100
66) Styrene	10.121	104	463733	10.789 ug/l		99
67) Bromoform	10.298	173	72665	10.894 ug/l		99
69) Isopropylbenzene	10.491	105	708489	10.618 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	160828	11.071 ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	120339m	9.663 ug/l		
72) Bromobenzene	10.790	156	160258	10.374 ug/l		94
73) n-propylbenzene	10.912	120	190898	10.615 ug/l		92
74) 2-Chlorotoluene	10.992	126	158743	10.290 ug/l		91
75) 1,3,5-Trimethylbenzene	11.095	105	601353	10.663 ug/l		100
76) 4-Chlorotoluene	11.105	126	166779	10.406 ug/l		95
77) tert-Butylbenzene	11.427	119	582492	10.538 ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	616061	10.761 ug/l		99
79) sec-Butylbenzene	11.648	105	808320	10.737 ug/l		98
80) Nitrobenzene	13.214	77	20916	48.270 ug/l	#	98
81) p-Isopropyltoluene	11.800	119	667083	10.702 ug/l		98
82) 1,3-Dichlorobenzene	11.751	146	318828	10.390 ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	320836	10.353 ug/l		99
84) n-Butylbenzene	12.214	91	678382	11.115 ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	312260	10.505 ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	29405	11.711 ug/l		95
87) 1,2,4-Trichlorobenzene	13.844	180	224077	10.655 ug/l		99
88) Hexachlorobutadiene	14.028	225	105640	10.380 ug/l		100
89) Naphthalene	14.092	128	467085	11.105 ug/l		100
90) 1,2,3-Trichlorobenzene	14.336	180	207158	10.849 ug/l		98

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

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