Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
Data File : VU047225.D
Acq On : 21 Feb 2022 11:47
Operator : SY/MD
Sample : VU0221WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 22 03:58:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	51818	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	19522	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	19858	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	31768	1.839	ug/l	99
3) Chloromethane	1.523	50	50303	2.835	ug/l	100
4) Vinyl Chloride	1.607	62	31528	1.800	ug/l	96
5) Bromomethane	1.864	94	9136	0.798	ug/l	97
6) Chloroethane	1.941	64	19495	1.937	ug/l	100
7) Trichlorofluoromethane	2.147	101	38438	1.862	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	22689	1.907	ug/l	92
9) 1,1-Dichloroethene	2.588	96	22594	1.845	ug/l	93
10) Iodomethane	2.729	142	10113	1.532	ug/l	99
11) Allyl Chloride	2.932	41	32377	1.696	ug/l	97
12) Acrylonitrile	3.330	53	13291	3.697	ug/l	94
13) Acetone	2.655	43	24298	14.389	ug/l	97
14) Carbon Disulfide	2.800	76	74292	1.793	ug/l	100
15) Methylene Chloride	3.054	84	28916	2.102	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	24888	1.925	ug/l	98
17) 1,1-Dichloroethane	3.877	63	42971	1.814	ug/l	99
18) 2-Butanone	4.729	43	36432	10.059	ug/l	98
19) Cyclohexane	5.391	56	38569m	1.758	ug/l	
20) Methylcyclohexane	6.764	83	43361	1.793	ug/l	98
21) 2,2-Dichloropropane	4.674	77	39622	1.872	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	27839	1.873	ug/l	92
23) Diethyl Ether	2.382	59	17893	1.808	ug/l	96
24) tert-Butyl Alcohol	3.266	59	23915	37.147	ug/l #	87
25) Methyl tert-Butyl Ether	3.372	73	62292	1.814	ug/l	99
26) Bromochloromethane	4.983	128	10880	1.627	ug/l	89
27) Chloroform	5.096	83	45416	1.890	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	39012	1.875	ug/l	96
29) 1,1-Dichloropropene	5.530	75	35046	1.840	ug/l	96
30) Carbon Tetrachloride	5.530	117	33604	1.837	ug/l	99
31) Isopropyl Ether	4.002	45	68480	1.808	ug/l	100
32) Ethyl-t-butyl ether	4.511	59	62687	1.628	ug/l	95
33) Tert-Amyl methyl ether	5.948	73	52283	1.474	ug/l	97
34) Propionitrile	4.810	54	11377	13.118	ug/l #	1
35) Benzene	5.781	78	100638	1.886	ug/l	99
36) 1,2-Dichloroethane	5.800	62	30650	1.897	ug/l	99
37) Trichloroethene	6.546	130	28300	1.915	ug/l	94
38) 1,2-Dichloropropane	6.797	63	25440	1.801	ug/l	96
39) Methacrylonitrile	4.986	41	8436	1.733	ug/l	93
40) Methyl acrylate	4.855	55	16522	2.008	ug/l	98
41) Tetrahydrofuran	5.073	42	10401	4.194	ug/l	95
42) 1-Chlorobutane	5.462	56	47003	1.838	ug/l	99
43) Dibromomethane	6.922	93	14389	1.889	ug/l	91
44) Bromodichloromethane	7.112	83	32034	1.778	ug/l #	95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.797	43	86311	8.378	ug/l		99
46)	t-1,4-Dichloro-2-butene	10.841	75	9292m	2.072	ug/l		
47)	Methyl methacrylate	6.964	69	27718	3.470	ug/l		96
48)	Ethyl methacrylate	8.337	69	27018	1.668	ug/l		97
49)	Toluene	7.970	92	63742	1.851	ug/l		99
50)	t-1,3-Dichloropropene	8.215	75	34239	1.756	ug/l		96
51)	cis-1,3-Dichloropropene	7.610	75	38295	1.752	ug/l		97
52)	1,1,2-Trichloroethane	8.404	97	20142	1.853	ug/l		99
53)	1,3-Dichloropropane	8.578	76	34557	1.780	ug/l		98
54)	2-Hexanone	8.687	43	62576	8.153	ug/l		99
55)	Dibromochloromethane	8.813	129	22428	1.697	ug/l		100
56)	1,2-Dibromoethane	8.925	107	20199	1.839	ug/l		100
58)	Tetrachloroethene	8.555	164	26364	1.933	ug/l		96
59)	Chlorobenzene	9.449	112	71059	1.851	ug/l		98
60)	1,1,1,2-Tetrachloroethane	9.536	131	24538	1.860	ug/l		98
61)	Pentachloroethane	11.430	117	19005	1.898	ug/l		89
62)	Hexachloroethane	12.478	117	16422	1.519	ug/l	#	76
63)	Ethyl Benzene	9.571	91	122929	1.822	ug/l		98
64)	m/p-Xylenes	9.697	106	92525	3.597	ug/l		97
65)	o-Xylene	10.102	106	44643	1.792	ug/l		97
66)	Styrene	10.115	104	73943	1.748	ug/l		98
67)	Bromoform	10.295	173	12663	1.512	ug/l	#	96
69)	Isopropylbenzene	10.488	105	118845	1.774	ug/l		98
70)	1,1,2,2-Tetrachloroethane	10.784	83	25958	1.767	ug/l		99
71)	1,2,3-Trichloropropane	10.829	75	21212m	1.711	ug/l		
72)	Bromobenzene	10.784	156	30744	1.879	ug/l		85
73)	n-propylbenzene	10.909	120	33493	1.816	ug/l		87
74)	2-Chlorotoluene	10.989	126	28910	1.838	ug/l		83
75)	1,3,5-Trimethylbenzene	11.089	105	99345	1.808	ug/l		99
76)	4-Chlorotoluene	11.099	126	29917	1.811	ug/l		79
77)	tert-Butylbenzene	11.423	119	99164	1.798	ug/l		95
78)	1,2,4-Trimethylbenzene	11.468	105	99869	1.781	ug/l		99
79)	sec-Butylbenzene	11.645	105	131876	1.801	ug/l		98
80)	Nitrobenzene	13.205	77	2215	3.122	ug/l	#	99
81)	p-Isopropyltoluene	11.793	119	109423	1.766	ug/l		96
82)	1,3-Dichlorobenzene	11.748	146	57998	1.820	ug/l		97
83)	1,4-Dichlorobenzene	11.838	146	58984	1.838	ug/l		97
84)	n-Butylbenzene	12.211	91	103815	1.745	ug/l		97
85)	1,2-Dichlorobenzene	12.214	146	54846	1.788	ug/l		98
86)	1,2-Dibromo-3-Chloropr...	12.999	75	4176	1.550	ug/l	#	80
87)	1,2,4-Trichlorobenzene	13.841	180	42375	1.760	ug/l		97
88)	Hexachlorobutadiene	14.021	225	21303	1.730	ug/l		99
89)	Naphthalene	14.086	128	81999	1.663	ug/l		100
90)	1,2,3-Trichlorobenzene	14.330	180	39629	1.835	ug/l		98

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

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