Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
Data File : VU047226.D
Acq On : 21 Feb 2022 12:14
Operator : SY/MD
Sample : VU0221WBS02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 03:58:53 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 :
VU0221WBS02

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	53305	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18924	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery =	92.000%		
68) 1,2-Dichlorobenzene-d4	12.195	152	19650	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery =	91.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	33276	1.872	ug/l	100
3) Chloromethane	1.523	50	52319	2.866	ug/l	97
4) Vinyl Chloride	1.610	62	33413	1.854	ug/l	98
5) Bromomethane	1.864	94	9445	0.802	ug/l	99
6) Chloroethane	1.941	64	19323	1.866	ug/l	99
7) Trichlorofluoromethane	2.147	101	43397	2.043	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	24049	1.964	ug/l	92
9) 1,1-Dichloroethene	2.588	96	24736	1.963	ug/l	91
10) Iodomethane	2.729	142	10899	1.562	ug/l	100
11) Allyl Chloride	2.932	41	34132	1.738	ug/l	95
12) Acrylonitrile	3.334	53	13074	3.535	ug/l	90
13) Acetone	2.658	43	25166	14.493	ug/l	98
14) Carbon Disulfide	2.803	76	77994	1.830	ug/l	99
15) Methylene Chloride	3.051	84	29769	2.104	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	26952	2.027	ug/l	97
17) 1,1-Dichloroethane	3.877	63	45545	1.869	ug/l	99
18) 2-Butanone	4.732	43	38103	10.227	ug/l	100
19) Cyclohexane	5.391	56	40971m	1.815	ug/l	
20) Methylcyclohexane	6.768	83	46419	1.866	ug/l	97
21) 2,2-Dichloropropane	4.671	77	41916	1.925	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	29170	1.907	ug/l	93
23) Diethyl Ether	2.382	59	18445	1.811	ug/l	95
24) tert-Butyl Alcohol	3.273	59	15214m	22.973	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	65942	1.866	ug/l	96
26) Bromochloromethane	4.983	128	11233	1.633	ug/l	89
27) Chloroform	5.092	83	47929	1.939	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	41512	1.940	ug/l	96
29) 1,1-Dichloropropene	5.530	75	36903	1.884	ug/l	97
30) Carbon Tetrachloride	5.530	117	35028	1.862	ug/l	99
31) Isopropyl Ether	4.002	45	71424	1.833	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	69575	1.756	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	59323	1.626	ug/l	97
34) Propionitrile	4.803	54	12166	13.660	ug/l #	85
35) Benzene	5.777	78	105456	1.921	ug/l	99
36) 1,2-Dichloroethane	5.800	62	31729	1.909	ug/l	99
37) Trichloroethene	6.546	130	30273	1.991	ug/l	94
38) 1,2-Dichloropropane	6.797	63	26757	1.842	ug/l	97
39) Methacrylonitrile	4.983	41	9815	1.960	ug/l	97
40) Methyl acrylate	4.858	55	19047	2.250	ug/l	98
41) Tetrahydrofuran	5.073	42	10465	4.102	ug/l	98
42) 1-Chlorobutane	5.462	56	48826	1.856	ug/l	99
43) Dibromomethane	6.922	93	14947	1.908	ug/l	91
44) Bromodichloromethane	7.108	83	34388	1.856	ug/l #	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.796	43	89259	8.423	ug/l		99
46)	t-1,4-Dichloro-2-butene	10.841	75	10162m	2.203	ug/l		
47)	Methyl methacrylate	6.967	69	29858	3.633	ug/l		94
48)	Ethyl methacrylate	8.337	69	29874	1.793	ug/l		93
49)	Toluene	7.970	92	66113	1.867	ug/l		97
50)	t-1,3-Dichloropropene	8.214	75	35847	1.787	ug/l		93
51)	cis-1,3-Dichloropropene	7.610	75	41176	1.831	ug/l		98
52)	1,1,2-Trichloroethane	8.404	97	20722	1.854	ug/l		98
53)	1,3-Dichloropropane	8.578	76	35958	1.800	ug/l		96
54)	2-Hexanone	8.687	43	63176	8.002	ug/l		98
55)	Dibromochloromethane	8.813	129	24103	1.773	ug/l		99
56)	1,2-Dibromoethane	8.928	107	21012	1.860	ug/l		98
58)	Tetrachloroethene	8.555	164	28380	2.023	ug/l		94
59)	Chlorobenzene	9.449	112	74939	1.898	ug/l		99
60)	1,1,1,2-Tetrachloroethane	9.536	131	25392	1.871	ug/l		98
61)	Pentachloroethane	11.430	117	19572	1.900	ug/l		84
62)	Hexachloroethane	12.478	117	17501	1.573	ug/l	#	79
63)	Ethyl Benzene	9.571	91	129991	1.873	ug/l		99
64)	m/p-Xylenes	9.697	106	97722	3.693	ug/l		97
65)	o-Xylene	10.102	106	47226	1.842	ug/l		98
66)	Styrene	10.115	104	78490	1.804	ug/l		97
67)	Bromoform	10.292	173	13829	1.606	ug/l	#	97
69)	Isopropylbenzene	10.484	105	126845	1.840	ug/l		98
70)	1,1,2,2-Tetrachloroethane	10.783	83	27205	1.800	ug/l		97
71)	1,2,3-Trichloropropane	10.832	75	22204m	1.741	ug/l		
72)	Bromobenzene	10.783	156	32661	1.940	ug/l		83
73)	n-propylbenzene	10.906	120	35295	1.860	ug/l		88
74)	2-Chlorotoluene	10.989	126	30504	1.885	ug/l		84
75)	1,3,5-Trimethylbenzene	11.089	105	102514	1.813	ug/l		97
76)	4-Chlorotoluene	11.099	126	32267	1.898	ug/l		79
77)	tert-Butylbenzene	11.420	119	104663	1.845	ug/l		95
78)	1,2,4-Trimethylbenzene	11.468	105	105390	1.827	ug/l		98
79)	sec-Butylbenzene	11.645	105	139512	1.852	ug/l		98
80)	Nitrobenzene	13.208	77	2493	3.416	ug/l	#	90
81)	p-Isopropyltoluene	11.796	119	116479	1.827	ug/l		98
82)	1,3-Dichlorobenzene	11.748	146	61378	1.873	ug/l		97
83)	1,4-Dichlorobenzene	11.838	146	61227	1.855	ug/l		98
84)	n-Butylbenzene	12.211	91	111270	1.818	ug/l		96
85)	1,2-Dichlorobenzene	12.214	146	57990	1.838	ug/l		97
86)	1,2-Dibromo-3-Chloropr...	12.996	75	4533	1.636	ug/l	#	77
87)	1,2,4-Trichlorobenzene	13.841	180	46719	1.886	ug/l		98
88)	Hexachlorobutadiene	14.025	225	23028	1.818	ug/l		97
89)	Naphthalene	14.089	128	88376	1.742	ug/l		100
90)	1,2,3-Trichlorobenzene	14.330	180	43257	1.947	ug/l		98

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

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