Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053469.D
Acq On : 29 Mar 2023 16:54
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU032923

Manual Integrations APPROVED
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 11:12:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 11:12:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.111	96	46678	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	17166	1.019	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%			
68) 1,2-Dichlorobenzene-d4	12.188	152	17460	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	116574	6.909	ug/l	98
3) Chloromethane	1.520	50	123543	7.186	ug/l	97
4) Vinyl Chloride	1.604	62	146889	8.087	ug/l	98
5) Bromomethane	1.858	94	123038	9.294	ug/l	98
6) Chloroethane	1.935	64	92170	7.938	ug/l	99
7) Trichlorofluoromethane	2.137	101	225638	8.295	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	123276	9.144	ug/l	96
9) 1,1-Dichloroethene	2.578	96	113240	9.181	ug/l	94
10) Iodomethane	2.723	142	122526	8.234	ug/l	100
11) Allyl Chloride	2.922	41	144637	10.390	ug/l	97
12) Acrylonitrile	3.314	53	110093	45.959	ug/l	94
13) Acetone	2.639	43	130088	27.687	ug/l	97
14) Carbon Disulfide	2.790	76	302278	7.995	ug/l	100
15) Methylene Chloride	3.044	84	177663	10.728	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	124000	9.732	ug/l	95
17) 1,1-Dichloroethane	3.864	63	231246	9.944	ug/l	100
18) 2-Butanone	4.703	43	152097	31.807	ug/l	99
19) Cyclohexane	5.385	56	165831	8.660	ug/l #	82
20) Methylcyclohexane	6.758	83	227156	9.496	ug/l	93
21) 2,2-Dichloropropane	4.661	77	208839	10.490	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	145019	10.473	ug/l	99
23) Diethyl Ether	2.375	59	85702	8.756	ug/l	92
24) tert-Butyl Alcohol	3.221	59	40932	44.746	ug/l #	1
25) Methyl tert-Butyl Ether	3.359	73	288736	10.563	ug/l	97
26) Bromochloromethane	4.970	128	40502	7.260	ug/l	92
27) Chloroform	5.083	83	241633	10.010	ug/l	97
28) 1,1,1-Trichloroethane	5.311	97	207763	9.983	ug/l	98
29) 1,1-Dichloropropene	5.523	75	178761	9.926	ug/l	99
30) Carbon Tetrachloride	5.523	117	173192	10.456	ug/l	95
31) Isopropyl Ether	3.986	45	331385	10.358	ug/l #	1
34) Propionitrile	4.780	54	88563	96.574	ug/l #	16
35) Benzene	5.771	78	525471	9.974	ug/l	100
36) 1,2-Dichloroethane	5.790	62	146887	9.706	ug/l	99
37) Trichloroethene	6.539	130	133889	10.105	ug/l	98
38) 1,2-Dichloropropane	6.787	63	133713	9.905	ug/l	98
39) Methacrylonitrile	4.967	41	33558	10.200	ug/l	95
40) Methyl acrylate	4.838	55	61058	10.235	ug/l #	97
41) Tetrahydrofuran	5.057	42	85139	49.630	ug/l	92
42) 1-Chlorobutane	5.452	56	239626	10.004	ug/l	92
43) Dibromomethane	6.915	93	69062	10.739	ug/l	93
44) Bromodichloromethane	7.102	83	172567	10.731	ug/l	99
45) 4-Methyl-2-Pentanone	7.787	43	331243	49.655	ug/l	95
46) t-1,4-Dichloro-2-butene	10.825	75	48838m	12.761	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Methyl methacrylate	6.957	69	58868	9.956	ug/l		92
48) Ethyl methacrylate	8.330	69	122748	10.705	ug/l		90
49) Toluene	7.967	92	332271	10.291	ug/l		100
50) t-1,3-Dichloropropene	8.208	75	173021	11.616	ug/l		98
51) cis-1,3-Dichloropropene	7.603	75	203919	11.054	ug/l		96
52) 1,1,2-Trichloroethane	8.394	97	96793	10.380	ug/l		98
53) 1,3-Dichloropropane	8.571	76	167406	10.407	ug/l		100
54) 2-Hexanone	8.681	43	260880	37.275	ug/l		95
55) Dibromochloromethane	8.806	129	102160	10.762	ug/l		97
56) 1,2-Dibromoethane	8.918	107	90780	10.566	ug/l		100
58) Tetrachloroethene	8.549	164	129325	10.438	ug/l		96
59) Chlorobenzene	9.443	112	354839	9.982	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.529	131	118308	10.949	ug/l		99
61) Pentachloroethane	11.423	117	80777	10.640	ug/l		100
62) Hexachloroethane	12.471	117	100222	9.533	ug/l	#	81
63) Ethyl Benzene	9.568	91	659569	10.579	ug/l		98
64) m/p-Xylenes	9.690	106	515761	21.638	ug/l		97
65) o-Xylene	10.095	106	248195	10.640	ug/l		100
66) Styrene	10.111	104	403243	11.244	ug/l		99
67) Bromoform	10.288	173	49966	9.506	ug/l	#	99
69) Isopropylbenzene	10.481	105	659082	10.790	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.777	83	116428	10.372	ug/l		100
71) 1,2,3-Trichloropropane	10.819	75	87669m	10.118	ug/l		
72) Bromobenzene	10.777	156	138418	10.817	ug/l		97
73) n-propylbenzene	10.902	120	181876	11.271	ug/l		99
74) 2-Chlorotoluene	10.983	126	149601	10.723	ug/l		94
75) 1,3,5-Trimethylbenzene	11.086	105	579112	11.291	ug/l		99
76) 4-Chlorotoluene	11.092	126	158119	10.915	ug/l		98
77) tert-Butylbenzene	11.417	119	526524	11.075	ug/l		99
78) 1,2,4-Trimethylbenzene	11.465	105	570236	10.916	ug/l		100
79) sec-Butylbenzene	11.639	105	763896	11.156	ug/l		100
80) Nitrobenzene	13.211	77	4395	15.583	ug/l	#	98
81) p-Isopropyltoluene	11.790	119	609997	11.340	ug/l		99
82) 1,3-Dichlorobenzene	11.741	146	289990	10.633	ug/l		98
83) 1,4-Dichlorobenzene	11.832	146	296407	10.740	ug/l		98
84) n-Butylbenzene	12.204	91	619194	11.651	ug/l		98
85) 1,2-Dichlorobenzene	12.208	146	277233	10.728	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	19048	11.173	ug/l		98
87) 1,2,4-Trichlorobenzene	13.838	180	176263	11.694	ug/l		98
88) Hexachlorobutadiene	14.018	225	79501	11.028	ug/l		97
89) Naphthalene	14.082	128	367225	12.242	ug/l		98
90) 1,2,3-Trichlorobenzene	14.327	180	158498	12.205	ug/l		98

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

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