Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
Data File : VU053026.D
Acq On : 09 Feb 2023 19:23
Operator : JC/MD
Sample : VU0209WBSD02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0209WBSD02

Manual Integrations APPROVED
Reviewed By :Krupa Patel 02/10/2023
Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 01:23:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.109	96	31802	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11283	1.067	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
68) 1,2-Dichlorobenzene-d4	12.189	152	9748	0.896	ug/l	0.00
Spiked Amount 1.000			Recovery = 90.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	17942	1.667	ug/l	98
3) Chloromethane	1.518	50	18098	1.772	ug/l	100
4) Vinyl Chloride	1.601	62	20571	2.086	ug/l	96
5) Bromomethane	1.859	94	11325	2.210	ug/l	95
6) Chloroethane	1.933	64	12195	2.056	ug/l	95
7) Trichlorofluoromethane	2.138	101	29645	2.064	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	17528	2.231	ug/l	91
9) 1,1-Dichloroethene	2.579	96	16226	2.186	ug/l	94
10) Iodomethane	2.720	142	19873	2.419	ug/l	97
11) Allyl Chloride	2.920	41	22282	2.513	ug/l	94
12) Acrylonitrile	3.331	53	7894	5.017	ug/l #	88
13) Acetone	2.672	43	15590	6.986	ug/l	94
14) Carbon Disulfide	2.791	76	47339	1.904	ug/l	97
15) Methylene Chloride	3.042	84	23433	2.614	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	17629	2.135	ug/l	92
17) 1,1-Dichloroethane	3.865	63	36127	2.591	ug/l	95
18) 2-Butanone	4.736	43	26149	10.086	ug/l	99
19) Cyclohexane	5.379	56	26803	2.186	ug/l	98
20) Methylcyclohexane	6.755	83	28451	2.080	ug/l	96
21) 2,2-Dichloropropane	4.659	77	30230	2.335	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	19593	2.271	ug/l	89
23) Diethyl Ether	2.376	59	12932	2.465	ug/l	96
24) tert-Butyl Alcohol	3.415	59	6450m	10.211	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	44973	2.642	ug/l	98
26) Bromochloromethane	4.971	128	8585	2.131	ug/l	89
27) Chloroform	5.084	83	35207	2.356	ug/l	96
28) 1,1,1-Trichloroethane	5.309	97	30865	2.237	ug/l	94
29) 1,1-Dichloropropene	5.518	75	22850	1.964	ug/l	96
30) Carbon Tetrachloride	5.518	117	22251	1.777	ug/l	95
31) Isopropyl Ether	3.997	45	52065	2.598	ug/l	99
32) Ethyl-t-butyl ether	4.508	59	51604	2.758	ug/l	96
33) Tert-Amyl methyl ether	5.945	73	41137	2.486	ug/l	95
34) Propionitrile	4.826	54	9136m	15.391	ug/l	
35) Benzene	5.768	78	62826	1.861	ug/l	99
36) 1,2-Dichloroethane	5.794	62	19509	1.924	ug/l	98
37) Trichloroethene	6.540	130	15535	1.688	ug/l	89
38) 1,2-Dichloropropane	6.791	63	17796	2.078	ug/l	98
39) Methacrylonitrile	4.981	41	6800	2.868	ug/l #	93
40) Methyl acrylate	4.858	55	12382	2.946	ug/l #	93
41) Tetrahydrofuran	5.080	42	6559	5.562	ug/l	88
42) 1-Chlorobutane	5.453	56	30609	2.058	ug/l	97
43) Dibromomethane	6.919	93	8681	2.002	ug/l #	87
44) Bromodichloromethane	7.106	83	22509	1.914	ug/l	98

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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	48903	10.734	ug/l		95
46) t-1,4-Dichloro-2-butene	10.823	75	13038m	5.458	ug/l		
47) Methyl methacrylate	6.968	69	17340	4.499	ug/l		95
48) Ethyl methacrylate	8.334	69	18005	2.577	ug/l		99
49) Toluene	7.968	92	40003	1.952	ug/l		97
50) t-1,3-Dichloropropene	8.209	75	21627	2.108	ug/l		98
51) cis-1,3-Dichloropropene	7.604	75	26878	2.227	ug/l		97
52) 1,1,2-Trichloroethane	8.399	97	11964	1.941	ug/l		96
53) 1,3-Dichloropropane	8.572	76	21059	1.976	ug/l		96
54) 2-Hexanone	8.691	43	34294	8.604	ug/l		93
55) Dibromochloromethane	8.807	129	14168	1.757	ug/l		99
56) 1,2-Dibromoethane	8.923	107	11092	1.890	ug/l		100
58) Tetrachloroethene	8.550	164	12178	1.466	ug/l		92
59) Chlorobenzene	9.443	112	43048	1.930	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.530	131	15295	1.772	ug/l		94
61) Pentachloroethane	11.424	117	12324	1.742	ug/l		89
62) Hexachloroethane	12.469	117	12608	1.764	ug/l	#	78
63) Ethyl Benzene	9.566	91	76517	2.117	ug/l		98
64) m/p-Xylenes	9.691	106	56700	3.936	ug/l		91
65) o-Xylene	10.096	106	28779	2.070	ug/l		94
66) Styrene	10.112	104	44177	1.999	ug/l		94
67) Bromoform	10.289	173	7349	1.544	ug/l		98
69) Isopropylbenzene	10.482	105	75100	2.123	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.781	83	16157	2.102	ug/l	#	99
71) 1,2,3-Trichloropropane	10.823	75	8264m	1.242	ug/l		
72) Bromobenzene	10.778	156	15056	1.676	ug/l		86
73) n-propylbenzene	10.903	120	19303	1.987	ug/l		87
74) 2-Chlorotoluene	10.984	126	16978	1.900	ug/l		85
75) 1,3,5-Trimethylbenzene	11.083	105	62333	2.063	ug/l		95
76) 4-Chlorotoluene	11.093	126	16875	1.840	ug/l		87
77) tert-Butylbenzene	11.414	119	60945	1.981	ug/l		94
78) 1,2,4-Trimethylbenzene	11.463	105	62919	2.070	ug/l		95
79) sec-Butylbenzene	11.640	105	79762	2.029	ug/l		96
80) Nitrobenzene	13.209	77	5340	11.226	ug/l		91
81) p-Isopropyltoluene	11.791	119	64658	1.970	ug/l		95
82) 1,3-Dichlorobenzene	11.742	146	30932	1.686	ug/l		96
83) 1,4-Dichlorobenzene	11.832	146	30009	1.629	ug/l		95
84) n-Butylbenzene	12.205	91	62277	2.170	ug/l		95
85) 1,2-Dichlorobenzene	12.209	146	30036	1.735	ug/l		96
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2932	2.060	ug/l		85
87) 1,2,4-Trichlorobenzene	13.839	180	18686	1.800	ug/l		98
88) Hexachlorobutadiene	14.016	225	9239	1.270	ug/l		99
89) Naphthalene	14.083	128	38850	1.930	ug/l		100
90) 1,2,3-Trichlorobenzene	14.324	180	16454	1.670	ug/l		97

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

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