Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
Data File : VU051430.D
Acq On : 17 Oct 2022 15:41
Operator : JC/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 18 04:23:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:21:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	52634	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18093	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	20755	1.071	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	41375m	2.345	ug/l	
3) Chloromethane	1.539	50	58306	2.434	ug/l	99
4) Vinyl Chloride	1.604	62	53488	2.380	ug/l	94
5) Bromomethane	1.855	94	29690	2.095	ug/l	99
6) Chloroethane	1.932	64	30461	2.185	ug/l	97
7) Trichlorofluoromethane	2.138	101	60320	2.356	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	34453	2.365	ug/l	98
9) 1,1-Dichloroethene	2.581	96	34571	2.261	ug/l	96
10) Iodomethane	2.720	142	44389	2.043	ug/l	100
11) Allyl Chloride	2.922	41	50398	2.117	ug/l	97
12) Acrylonitrile	3.321	53	20081	4.175	ug/l	95
13) Acetone	2.633	43	31366	9.755	ug/l	98
14) Carbon Disulfide	2.790	76	121104	2.097	ug/l	98
15) Methylene Chloride	3.044	84	47508	1.805	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	38141	2.200	ug/l	98
17) 1,1-Dichloroethane	3.867	63	68362	2.252	ug/l	99
18) 2-Butanone	4.723	43	37554	8.943	ug/l	98
19) Cyclohexane	5.388	56	41588m	2.056	ug/l	
20) Methylcyclohexane	6.761	83	40177	1.973	ug/l	95
21) 2,2-Dichloropropane	4.662	77	47860	2.314	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	34773	2.087	ug/l	98
23) Diethyl Ether	2.379	59	27938	2.042	ug/l	97
24) tert-Butyl Alcohol	3.205	59	28533	36.086	ug/l	97
25) Methyl tert-Butyl Ether	3.369	73	84097	2.056	ug/l	99
26) Bromochloromethane	4.977	128	17095	2.133	ug/l	97
27) Chloroform	5.089	83	68810	2.230	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	55574	2.273	ug/l	99
29) 1,1-Dichloropropene	5.523	75	41625	2.140	ug/l	99
30) Carbon Tetrachloride	5.520	117	48233	2.322	ug/l	97
31) Isopropyl Ether	4.002	45	77624	1.977	ug/l	92
32) Ethyl-t-butyl ether	4.510	59	68280	1.958	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	59348	1.904	ug/l	98
34) Propionitrile	4.790	54	14128	10.733	ug/l #	94
35) Benzene	5.774	78	138497	2.144	ug/l	97
36) 1,2-Dichloroethane	5.797	62	43703	2.157	ug/l	97
37) Trichloroethene	6.539	130	33218	2.123	ug/l	89
38) 1,2-Dichloropropane	6.790	63	39082	2.221	ug/l	96
39) Methacrylonitrile	4.986	41	8744	1.880	ug/l	94
40) Methyl acrylate	4.858	55	12584	1.574	ug/l	97
41) Tetrahydrofuran	5.070	42	9593	3.907	ug/l	90
42) 1-Chlorobutane	5.459	56	56762	2.101	ug/l	94
43) Dibromomethane	6.919	93	19934	2.109	ug/l	97
44) Bromodichloromethane	7.105	83	48417	2.187	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:21:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	83253	8.326 ug/l		94
46) t-1,4-Dichloro-2-butene	10.832	75	17151m	4.858 ug/l		
47) Methyl methacrylate	6.964	69	26837	3.525 ug/l		98
48) Ethyl methacrylate	8.337	69	22883	1.792 ug/l		97
49) Toluene	7.970	92	72733	2.062 ug/l		94
50) t-1,3-Dichloropropene	8.211	75	36142	2.023 ug/l		98
51) cis-1,3-Dichloropropene	7.607	75	45078	2.164 ug/l		96
52) 1,1,2-Trichloroethane	8.401	97	28487	2.071 ug/l		92
53) 1,3-Dichloropropane	8.575	76	44937	2.050 ug/l		98
54) 2-Hexanone	8.687	43	57690	8.151 ug/l		93
55) Dibromochloromethane	8.809	129	30619	2.043 ug/l		100
56) 1,2-Dibromoethane	8.925	107	24321	1.984 ug/l		100
58) Tetrachloroethene	8.552	164	29530	1.913 ug/l		99
59) Chlorobenzene	9.446	112	81214	2.089 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.533	131	31672	2.091 ug/l		97
61) Pentachloroethane	11.427	117	30615	2.766 ug/l		95
62) Hexachloroethane	12.475	117	27533	2.252 ug/l		99
63) Ethyl Benzene	9.568	91	114326	1.914 ug/l		98
64) m/p-Xylenes	9.694	106	91512	3.873 ug/l		99
65) o-Xylene	10.099	106	45873	1.994 ug/l		99
66) Styrene	10.115	104	73582	1.940 ug/l		99
67) Bromoform	10.292	173	16521	1.913 ug/l		99
69) Isopropylbenzene	10.484	105	111797	1.960 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.780	83	37760	2.121 ug/l		97
71) 1,2,3-Trichloropropane	10.822	75	24573m	1.736 ug/l		
72) Bromobenzene	10.780	156	31432	2.033 ug/l		99
73) n-propylbenzene	10.906	120	31650	2.041 ug/l		99
74) 2-Chlorotoluene	10.986	126	31515	2.089 ug/l		96
75) 1,3,5-Trimethylbenzene	11.089	105	100017	1.971 ug/l		100
76) 4-Chlorotoluene	11.095	126	32890	2.199 ug/l		88
77) tert-Butylbenzene	11.420	119	101620	2.145 ug/l		98
78) 1,2,4-Trimethylbenzene	11.468	105	102586	1.960 ug/l		98
79) sec-Butylbenzene	11.642	105	138376	2.126 ug/l		98
80) Nitrobenzene	13.208	77	8631	8.768 ug/l	#	94
81) p-Isopropyltoluene	11.793	119	102895	1.999 ug/l		97
82) 1,3-Dichlorobenzene	11.745	146	73056	2.230 ug/l		99
83) 1,4-Dichlorobenzene	11.835	146	70792	2.188 ug/l		97
84) n-Butylbenzene	12.208	91	102046	2.109 ug/l		99
85) 1,2-Dichlorobenzene	12.211	146	68664	2.124 ug/l		100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	5941	1.987 ug/l		97
87) 1,2,4-Trichlorobenzene	13.838	180	34531	1.971 ug/l		99
88) Hexachlorobutadiene	14.021	225	26354	2.335 ug/l		99
89) Naphthalene	14.086	128	64219	1.962 ug/l		99
90) 1,2,3-Trichlorobenzene	14.330	180	37521	2.000 ug/l		100

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

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