Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050372.D
Acq On : 19 Aug 2022 12:45
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 19 14:12:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Aug 19 14:03:49 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	35283	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11602	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	14726	1.072	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	29280	2.163	ug/l	100
3) Chloromethane	1.520	50	34967	2.111	ug/l	96
4) Vinyl Chloride	1.604	62	30514	2.099	ug/l	99
5) Bromomethane	1.858	94	12916	2.089	ug/l	96
6) Chloroethane	1.935	64	18094	2.000	ug/l	99
7) Trichlorofluoromethane	2.138	101	38578	2.262	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	21085	2.285	ug/l	95
9) 1,1-Dichloroethene	2.591	96	21207	2.189	ug/l	98
10) Iodomethane	2.732	142	16110	1.723	ug/l	98
11) Allyl Chloride	2.938	41	31392	1.979	ug/l	97
12) Acrylonitrile	3.343	53	12909m	4.063	ug/l	
13) Acetone	2.642	43	22869m	10.109	ug/l	
14) Carbon Disulfide	2.806	76	64594	1.968	ug/l	99
15) Methylene Chloride	3.064	84	27021	2.029	ug/l	96
16) trans-1,2-Dichloroethene	3.369	96	21100	1.998	ug/l	100
17) 1,1-Dichloroethane	3.890	63	44712	2.095	ug/l	98
18) 2-Butanone	4.748	43	36354m	10.302	ug/l	
19) Cyclohexane	5.363	56	31298m	2.469	ug/l	
20) Methylcyclohexane	6.800	83	22468	1.851	ug/l	99
21) 2,2-Dichloropropane	4.671	77	32209	2.034	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	24252	2.098	ug/l	97
23) Diethyl Ether	2.382	59	17449	2.000	ug/l	97
24) tert-Butyl Alcohol	3.224	59	21975m	17.787	ug/l	
25) Methyl tert-Butyl Ether	3.395	73	53999	1.973	ug/l	97
26) Bromochloromethane	4.973	128	9679	1.872	ug/l	93
27) Chloroform	5.083	83	41546	2.056	ug/l	99
28) 1,1,1-Trichloroethane	5.298	97	36730	2.274	ug/l	98
29) 1,1-Dichloropropene	5.504	75	28778	2.306	ug/l	96
30) Carbon Tetrachloride	5.501	117	29224	2.229	ug/l	91
31) Isopropyl Ether	4.028	45	67754	2.067	ug/l	98
32) Ethyl-t-butyl ether	4.533	59	53440	2.033	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	30969	1.774	ug/l	99
34) Propionitrile	4.813	54	9995m	8.388	ug/l	
35) Benzene	5.761	78	83477	2.018	ug/l	98
36) 1,2-Dichloroethane	5.797	62	26164	2.020	ug/l	99
37) Trichloroethene	6.584	130	20874	2.078	ug/l	94
38) 1,2-Dichloropropane	6.835	63	23175	2.049	ug/l	99
39) Methacrylonitrile	4.996	41	8059	2.090	ug/l #	94
40) Methyl acrylate	4.867	55	11804	1.748	ug/l #	97
41) Tetrahydrofuran	5.086	42	8169m	3.898	ug/l	
42) 1-Chlorobutane	5.443	56	40805	2.291	ug/l	95
43) Dibromomethane	6.957	93	12198	1.955	ug/l	95
44) Bromodichloromethane	7.144	83	29289	2.014	ug/l	96

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.832	43	57825	8.673	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	12613m	5.415	ug/l	
47) Methyl methacrylate	7.009	69	17269	3.439	ug/l	93
48) Ethyl methacrylate	8.359	69	14729	1.667	ug/l	97
49) Toluene	7.993	92	42832	1.867	ug/l	98
50) t-1,3-Dichloropropene	8.234	75	21705	1.819	ug/l	94
51) cis-1,3-Dichloropropene	7.639	75	25024	1.834	ug/l	95
52) 1,1,2-Trichloroethane	8.423	97	17836	1.918	ug/l	94
53) 1,3-Dichloropropane	8.597	76	27960	1.928	ug/l	99
54) 2-Hexanone	8.713	43	39594	8.570	ug/l	93
55) Dibromochloromethane	8.829	129	19650	1.972	ug/l	98
56) 1,2-Dibromoethane	8.941	107	16287	1.998	ug/l	100
58) Tetrachloroethene	8.568	164	19827	2.111	ug/l	97
59) Chlorobenzene	9.459	112	48246	1.943	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.546	131	20277	1.974	ug/l	98
61) Pentachloroethane	11.430	117	17077	2.011	ug/l	93
62) Hexachloroethane	12.475	117	13685	2.048	ug/l	98
63) Ethyl Benzene	9.581	91	69415	1.774	ug/l	98
64) m/p-Xylenes	9.703	106	52850	3.472	ug/l	97
65) o-Xylene	10.108	106	26829	1.823	ug/l	96
66) Styrene	10.124	104	42845	1.765	ug/l	98
67) Bromoform	10.298	173	11507	1.989	ug/l	99
69) Isopropylbenzene	10.491	105	67746	1.798	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	24222	1.911	ug/l	94
71) 1,2,3-Trichloropropane	10.832	75	18388m	2.021	ug/l	
72) Bromobenzene	10.790	156	20611	1.961	ug/l	95
73) n-propylbenzene	10.912	120	17547	1.770	ug/l	99
74) 2-Chlorotoluene	10.989	126	19064	1.963	ug/l	88
75) 1,3,5-Trimethylbenzene	11.092	105	59132	1.797	ug/l	100
76) 4-Chlorotoluene	11.105	126	19509	2.005	ug/l	80
77) tert-Butylbenzene	11.423	119	60109	1.862	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	60435	1.780	ug/l	96
79) sec-Butylbenzene	11.648	105	78604	1.844	ug/l	99
80) Nitrobenzene	13.214	77	6887	8.989	ug/l	97
81) p-Isopropyltoluene	11.796	119	60558	1.774	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	43606	2.039	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	43268	2.009	ug/l	97
84) n-Butylbenzene	12.211	91	58914	1.820	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	43276	2.024	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4063	2.001	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	22991	1.845	ug/l	100
88) Hexachlorobutadiene	14.021	225	15891	2.156	ug/l	97
89) Naphthalene	14.089	128	45077	1.599	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	24490	1.909	ug/l	97

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

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