Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
Data File : VU044535.D
Acq On : 31 Aug 2021 17:42
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 01 00:36:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 00:35:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	19488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	6974	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery = 88.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	8316	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	7478	1.059	ug/l	99
3) Chloromethane	1.523	50	8804	1.145	ug/l	98
4) Vinyl Chloride	1.607	62	10086	1.254	ug/l	95
5) Bromomethane	1.864	94	7822	1.642	ug/l	90
6) Chloroethane	1.941	64	8476	1.637	ug/l	98
7) Trichlorofluoromethane	2.144	101	16054	1.651	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10011	1.658	ug/l	98
9) 1,1-Dichloroethene	2.588	96	9500	1.636	ug/l	98
10) Iodomethane	2.729	142	9518	1.243	ug/l	97
11) Allyl Chloride	2.932	41	10829	1.247	ug/l	97
12) Acrylonitrile	3.337	53	4091m	3.315	ug/l	
13) Acetone	2.642	43	7264m	12.021	ug/l	
14) Carbon Disulfide	2.800	76	26280	1.414	ug/l	100
15) Methylene Chloride	3.054	84	18636	2.334	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	9983	1.550	ug/l	98
17) 1,1-Dichloroethane	3.877	63	17000	1.461	ug/l	98
18) 2-Butanone	4.745	43	11889	9.090	ug/l	97
19) Cyclohexane	5.385	56	15309m	1.439	ug/l	
20) Methylcyclohexane	6.764	83	8178	0.833	ug/l	95
21) 2,2-Dichloropropane	4.671	77	16435	1.704	ug/l	93
22) cis-1,2-Dichloroethene	4.674	96	11271	1.585	ug/l	95
23) Diethyl Ether	2.385	59	6640	1.425	ug/l	94
24) tert-Butyl Alcohol	3.202	59	3357	12.339	ug/l #	77
25) Methyl tert-Butyl Ether	3.382	73	23318	1.497	ug/l	96
26) Bromochloromethane	4.983	128	5493	1.767	ug/l	98
27) Chloroform	5.099	83	20780	1.759	ug/l	97
28) 1,1,1-Trichloroethane	5.321	97	16711	1.673	ug/l	98
29) 1,1-Dichloropropene	5.530	75	7014	0.891	ug/l	97
30) Carbon Tetrachloride	5.527	117	6840	0.961	ug/l	91
31) Isopropyl Ether	4.015	45	24243	1.307	ug/l	99
32) Ethyl-t-butyl ether	4.527	59	26322	1.407	ug/l	96
33) Tert-Amyl methyl ether	5.964	73	12013	0.811	ug/l	98
34) Propionitrile	4.806	54	3351m	8.947	ug/l	
35) Benzene	5.781	78	20046	0.873	ug/l	96
36) 1,2-Dichloroethane	5.806	62	6824	1.009	ug/l	97
37) Trichloroethene	6.549	130	5735	0.972	ug/l	95
38) 1,2-Dichloropropane	6.806	63	4853	0.802	ug/l	99
39) Methacrylonitrile	4.990	41	3280	1.546	ug/l #	87
40) Methyl acrylate	4.867	55	5376	1.625	ug/l #	83
41) Tetrahydrofuran	5.086	42	3580	3.671	ug/l #	91
42) 1-Chlorobutane	5.462	56	8836	0.802	ug/l	93
43) Dibromomethane	6.928	93	3053	0.985	ug/l	98
44) Bromodichloromethane	7.115	83	6906	0.937	ug/l	95

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QLast Update : Wed Sep 01 00:35:55 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	15442	3.825	ug/l		93
46) t-1,4-Dichloro-2-butene	10.841	75	2325m	1.367	ug/l		
47) Methyl methacrylate	6.980	69	4938	1.509	ug/l		96
48) Ethyl methacrylate	8.350	69	4868	0.716	ug/l		94
49) Toluene	7.977	92	12292	0.838	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	5680	0.763	ug/l		96
51) cis-1,3-Dichloropropene	7.616	75	6575	0.752	ug/l		95
52) 1,1,2-Trichloroethane	8.411	97	4349	0.950	ug/l		94
53) 1,3-Dichloropropane	8.587	76	7485	0.906	ug/l		95
54) 2-Hexanone	8.703	43	10394	3.616	ug/l		97
55) Dibromochloromethane	8.819	129	4756	0.951	ug/l		100
56) 1,2-Dibromoethane	8.935	107	4115	0.918	ug/l		98
58) Tetrachloroethene	8.559	164	5500	1.074	ug/l		95
59) Chlorobenzene	9.452	112	14405	0.919	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	4914	0.930	ug/l		94
61) Pentachloroethane	11.436	117	4029	0.947	ug/l		91
62) Hexachloroethane	12.481	117	3702	0.840	ug/l		97
63) Ethyl Benzene	9.578	91	21846	0.786	ug/l		97
64) m/p-Xylenes	9.700	106	17368	1.615	ug/l		99
65) o-Xylene	10.108	106	8762	0.845	ug/l		95
66) Styrene	10.121	104	13617	0.761	ug/l		97
67) Bromoform	10.301	173	2529	0.905	ug/l	#	94
69) Isopropylbenzene	10.491	105	21664	0.784	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.790	83	5913	0.981	ug/l		95
71) 1,2,3-Trichloropropane	10.835	75	4226m	0.867	ug/l		
72) Bromobenzene	10.790	156	5855	0.901	ug/l		93
73) n-propylbenzene	10.912	120	5938	0.791	ug/l		92
74) 2-Chlorotoluene	10.993	126	5862	0.903	ug/l		93
75) 1,3,5-Trimethylbenzene	11.095	105	18199	0.770	ug/l		100
76) 4-Chlorotoluene	11.105	126	5980	0.878	ug/l		96
77) tert-Butylbenzene	11.427	119	18844	0.815	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	18480	0.772	ug/l		100
79) sec-Butylbenzene	11.648	105	24981	0.793	ug/l		99
80) Nitrobenzene	13.218	77	511	2.922	ug/l	#	78
81) p-Isopropyltoluene	11.800	119	19938	0.762	ug/l		99
82) 1,3-Dichlorobenzene	11.755	146	11886	0.917	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	11692	0.892	ug/l		99
84) n-Butylbenzene	12.214	91	18486	0.728	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	11921	0.942	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	625	0.606	ug/l	#	82
87) 1,2,4-Trichlorobenzene	13.848	180	6931	0.793	ug/l		98
88) Hexachlorobutadiene	14.028	225	4205	0.977	ug/l		98
89) Naphthalene	14.092	128	11838	0.682	ug/l		98
90) 1,2,3-Trichlorobenzene	14.340	180	6898	0.860	ug/l		97

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

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