Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
Data File : VU044312.D
Acq On : 07 Jul 2021 12:04
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
7/9/2021 6:26:35 PM

Quant Time: Jul 08 01:15:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 01:14:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	28848	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.639	95	12660	1.226	ug/l		0.00
Spiked Amount 1.000			Recovery = 123.000%				
68) 1,2-Dichlorobenzene-d4	12.198	152	12748	1.155	ug/l		0.00
Spiked Amount 1.000			Recovery = 115.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	9146	0.777	ug/l		99
3) Chloromethane	1.527	50	9151	0.729	ug/l		97
4) Vinyl Chloride	1.610	62	9127	0.759	ug/l		95
5) Bromomethane	1.864	94	5520	0.764	ug/l		94
6) Chloroethane	1.941	64	6399	0.854	ug/l		98
7) Trichlorofluoromethane	2.147	101	13891	0.984	ug/l		100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	7703	0.945	ug/l		93
9) 1,1-Dichloroethene	2.591	96	6996	0.920	ug/l		97
10) Iodomethane	2.732	142	5953	0.635	ug/l		97
11) Allyl Chloride	2.932	41	12936	1.042	ug/l		95
12) Acrylonitrile	3.330	53	2569	1.673	ug/l	#	81
13) Acetone	2.639	43	5236	5.337	ug/l		94
14) Carbon Disulfide	2.803	76	19062	0.756	ug/l	#	94
15) Methylene Chloride	3.057	84	15787	1.373	ug/l		98
16) trans-1,2-Dichloroethene	3.363	96	8076	0.961	ug/l		88
17) 1,1-Dichloroethane	3.880	63	15949	0.981	ug/l		98
18) 2-Butanone	4.736	43	9982	5.134	ug/l		95
19) Cyclohexane	5.388	56	12585	0.842	ug/l		99
20) Methylcyclohexane	6.768	83	13060	1.068	ug/l		98
21) 2,2-Dichloropropane	4.674	77	15194	1.135	ug/l		98
22) cis-1,2-Dichloroethene	4.678	96	9336	1.034	ug/l		98
23) Diethyl Ether	2.385	59	5786	0.932	ug/l		94
24) tert-Butyl Alcohol	3.208	59	4505	6.875	ug/l	#	84
25) Methyl tert-Butyl Ether	3.382	73	21815	1.108	ug/l		96
26) Bromochloromethane	4.983	128	4024	1.083	ug/l		98
27) Chloroform	5.099	83	17102	1.068	ug/l		97
28) 1,1,1-Trichloroethane	5.324	97	14672	1.071	ug/l		100
29) 1,1-Dichloropropene	5.533	75	10938	0.895	ug/l		96
30) Carbon Tetrachloride	5.530	117	11207	0.959	ug/l		97
31) Isopropyl Ether	4.015	45	27189	1.041	ug/l		97
32) Ethyl-t-butyl ether	4.527	59	25742	1.079	ug/l		97
33) Tert-Amyl methyl ether	5.961	73	20392	1.107	ug/l		99
34) Propionitrile	4.803	54	2631	5.207	ug/l	#	92
35) Benzene	5.781	78	29539	0.837	ug/l		99
36) 1,2-Dichloroethane	5.806	62	9385	0.888	ug/l		98
37) Trichloroethene	6.549	130	8296	0.984	ug/l		94
38) 1,2-Dichloropropane	6.803	63	8061	0.861	ug/l		99
39) Methacrylonitrile	4.999	41	3129	1.065	ug/l	#	91
40) Methyl acrylate	4.867	55	4742	1.053	ug/l	#	95
41) Tetrahydrofuran	5.089	42	2688	1.940	ug/l		95
42) 1-Chlorobutane	5.465	56	15222	0.870	ug/l		100
43) Dibromomethane	6.932	93	4170	0.891	ug/l		97
44) Bromodichloromethane	7.118	83	10814	0.925	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	31210	5.819	ug/l		97
46) t-1,4-Dichloro-2-butene	10.851	75	4159m	1.746	ug/l		
47) Methyl methacrylate	6.980	69	8361	2.071	ug/l		93
48) Ethyl methacrylate	8.350	69	9375	1.236	ug/l		93
49) Toluene	7.977	92	18854	0.955	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	10947	1.054	ug/l		94
51) cis-1,3-Dichloropropene	7.616	75	12303	1.055	ug/l		95
52) 1,1,2-Trichloroethane	8.411	97	5988	0.894	ug/l		96
53) 1,3-Dichloropropane	8.587	76	11083	0.939	ug/l		100
54) 2-Hexanone	8.703	43	22438	6.019	ug/l		97
55) Dibromochloromethane	8.819	129	7527	0.996	ug/l		99
56) 1,2-Dibromoethane	8.935	107	5911	0.976	ug/l		98
58) Tetrachloroethene	8.559	164	7777	1.002	ug/l		96
59) Chlorobenzene	9.456	112	21906	1.034	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.539	131	8278	1.029	ug/l		94
61) Pentachloroethane	11.436	117	5698	0.874	ug/l		97
62) Hexachloroethane	12.481	117	6589	0.999	ug/l		100
63) Ethyl Benzene	9.578	91	38274	1.098	ug/l		98
64) m/p-Xylenes	9.703	106	29611	2.161	ug/l		99
65) o-Xylene	10.105	106	14325	1.112	ug/l		99
66) Styrene	10.121	104	24270	1.074	ug/l		98
67) Bromoform	10.298	173	4115	0.979	ug/l	#	97
69) Isopropylbenzene	10.491	105	39142	1.136	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	7750	0.877	ug/l		95
71) 1,2,3-Trichloropropane	10.835	75	6329m	0.952	ug/l		
72) Bromobenzene	10.787	156	9437	1.081	ug/l		100
73) n-propylbenzene	10.912	120	10568	1.103	ug/l		98
74) 2-Chlorotoluene	10.993	126	9533	1.112	ug/l		90
75) 1,3,5-Trimethylbenzene	11.092	105	33184	1.085	ug/l		99
76) 4-Chlorotoluene	11.105	126	9897	1.074	ug/l		91
77) tert-Butylbenzene	11.427	119	34022	1.142	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	32999	1.055	ug/l		98
79) sec-Butylbenzene	11.648	105	44180	1.071	ug/l		99
80) Nitrobenzene	13.218	77	1282	4.554	ug/l	#	80
81) p-Isopropyltoluene	11.800	119	37398	1.112	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	18606	0.990	ug/l		100
83) 1,4-Dichlorobenzene	11.845	146	18387	0.983	ug/l		97
84) n-Butylbenzene	12.214	91	35804	1.075	ug/l		99
85) 1,2-Dichlorobenzene	12.218	146	17645	0.986	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1402	1.005	ug/l		96
87) 1,2,4-Trichlorobenzene	13.848	180	12159	1.109	ug/l		98
88) Hexachlorobutadiene	14.028	225	6502	0.952	ug/l		99
89) Naphthalene	14.095	128	22285	1.145	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	10730	1.037	ug/l		99

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

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