Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
Data File : VU050217.D
Acq On : 10 Aug 2022 14:25
Operator : SY/MD
Sample : VU0810WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 10 16:27:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 15:54:10 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	30999	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9517	0.895	ug/l	0.00
Spiked Amount 1.000			Recovery =	90.000%		
68) 1,2-Dichlorobenzene-d4	12.195	152	10226	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	20964	1.877	ug/l	99
3) Chloromethane	1.517	50	27007	1.929	ug/l	99
4) Vinyl Chloride	1.601	62	24366	1.960	ug/l	97
5) Bromomethane	1.855	94	8895	2.376	ug/l	100
6) Chloroethane	1.932	64	14317	1.905	ug/l	99
7) Trichlorofluoromethane	2.134	101	25823	1.893	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	14048	1.939	ug/l	94
9) 1,1-Dichloroethene	2.575	96	15481	1.884	ug/l	99
10) Iodomethane	2.720	142	9113	1.329	ug/l	96
11) Allyl Chloride	2.922	41	21898	1.922	ug/l	99
12) Acrylonitrile	3.340	53	8163	3.745	ug/l	99
13) Acetone	2.665	43	16246	9.973	ug/l	99
14) Carbon Disulfide	2.790	76	58112	1.866	ug/l	99
15) Methylene Chloride	3.044	84	22168	1.801	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	18041	1.983	ug/l	90
17) 1,1-Dichloroethane	3.871	63	33828	1.969	ug/l	99
18) 2-Butanone	4.726	43	26527	10.059	ug/l	100
19) Cyclohexane	5.388	56	19654	1.711	ug/l	87
20) Methylcyclohexane	6.764	83	20586	1.825	ug/l	98
21) 2,2-Dichloropropane	4.665	77	22907	1.771	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	20254	1.974	ug/l	96
23) Diethyl Ether	2.376	59	14021	1.912	ug/l	98
24) tert-Butyl Alcohol	3.253	59	13239m	23.888	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	41046	1.945	ug/l	96
26) Bromochloromethane	4.977	128	9530	2.012	ug/l	95
27) Chloroform	5.089	83	34374	1.942	ug/l	96
28) 1,1,1-Trichloroethane	5.318	97	27377	1.965	ug/l	99
29) 1,1-Dichloropropene	5.527	75	22862	1.977	ug/l	98
30) Carbon Tetrachloride	5.527	117	21876	1.911	ug/l	95
31) Isopropyl Ether	3.996	45	46730	2.009	ug/l	93
32) Ethyl-t-butyl ether	4.504	59	43035	1.934	ug/l	98
33) Tert-Amyl methyl ether	5.945	73	37896	1.929	ug/l	98
34) Propionitrile	4.806	54	8254	8.854	ug/l #	67
35) Benzene	5.774	78	75643	1.974	ug/l	98
36) 1,2-Dichloroethane	5.797	62	21888	1.978	ug/l	98
37) Trichloroethene	6.543	130	18025	1.982	ug/l	98
38) 1,2-Dichloropropane	6.793	63	20922	1.994	ug/l	98
39) Methacrylonitrile	4.983	41	5717	1.959	ug/l	93
40) Methyl acrylate	4.855	55	11019	1.945	ug/l #	90
41) Tetrahydrofuran	5.080	42	6809	3.912	ug/l	93
42) 1-Chlorobutane	5.459	56	31907	1.978	ug/l	97
43) Dibromomethane	6.922	93	10776	1.983	ug/l	96
44) Bromodichloromethane	7.105	83	25248	1.979	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	59188	9.817	ug/l		99
46) t-1,4-Dichloro-2-butene	10.825	75	15115m	6.339	ug/l		
47) Methyl methacrylate	6.964	69	18544	3.930	ug/l		92
48) Ethyl methacrylate	8.337	69	16228	1.875	ug/l		95
49) Toluene	7.970	92	42478	1.961	ug/l		97
50) t-1,3-Dichloropropene	8.211	75	21059	1.885	ug/l		98
51) cis-1,3-Dichloropropene	7.610	75	25416	1.924	ug/l		93
52) 1,1,2-Trichloroethane	8.401	97	15036	1.940	ug/l		98
53) 1,3-Dichloropropane	8.578	76	25983	1.988	ug/l		98
54) 2-Hexanone	8.690	43	40399	9.498	ug/l		98
55) Dibromochloromethane	8.809	129	16439	1.908	ug/l		98
56) 1,2-Dibromoethane	8.925	107	13772	1.935	ug/l		97
58) Tetrachloroethene	8.555	164	15431	2.003	ug/l		98
59) Chlorobenzene	9.449	112	45395	1.974	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.536	131	17575	1.951	ug/l		98
61) Pentachloroethane	11.430	117	14710	2.012	ug/l		91
62) Hexachloroethane	12.475	117	10256	1.777	ug/l		99
63) Ethyl Benzene	9.571	91	70805	1.897	ug/l		100
64) m/p-Xylenes	9.694	106	54496	3.843	ug/l		96
65) o-Xylene	10.102	106	27134	1.959	ug/l		97
66) Styrene	10.115	104	42116	1.905	ug/l		98
67) Bromoform	10.292	173	9668	1.941	ug/l		98
69) Isopropylbenzene	10.485	105	65339	1.889	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.784	83	19836	1.902	ug/l		100
71) 1,2,3-Trichloropropane	10.825	75	15115m	1.974	ug/l		
72) Bromobenzene	10.784	156	18369	1.948	ug/l		98
73) n-propylbenzene	10.906	120	15470	1.801	ug/l		99
74) 2-Chlorotoluene	10.986	126	17234	1.954	ug/l		98
75) 1,3,5-Trimethylbenzene	11.089	105	55190	1.871	ug/l		98
76) 4-Chlorotoluene	11.099	126	17070	1.956	ug/l		88
77) tert-Butylbenzene	11.420	119	55220	1.887	ug/l		98
78) 1,2,4-Trimethylbenzene	11.468	105	56383	1.875	ug/l		99
79) sec-Butylbenzene	11.645	105	66403	1.868	ug/l		99
80) Nitrobenzene	13.211	77	3976	9.732	ug/l	#	93
81) p-Isopropyltoluene	11.793	119	51582	1.831	ug/l		99
82) 1,3-Dichlorobenzene	11.745	146	34002	1.901	ug/l		99
83) 1,4-Dichlorobenzene	11.838	146	33681	1.939	ug/l		99
84) n-Butylbenzene	12.208	91	45060	1.839	ug/l		97
85) 1,2-Dichlorobenzene	12.214	146	33072	1.907	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2852	1.782	ug/l		96
87) 1,2,4-Trichlorobenzene	13.841	180	18325	1.890	ug/l		98
88) Hexachlorobutadiene	14.021	225	10780	1.901	ug/l		97
89) Naphthalene	14.089	128	35541	1.776	ug/l		100
90) 1,2,3-Trichlorobenzene	14.330	180	18224	1.825	ug/l		98

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

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