Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
Data File : VU050724.D
Acq On : 16 Sep 2022 14:14
Operator : JC/MD
Sample : VU0916WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBSD01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:07:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	33353	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11799	1.039	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	13498	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	28329	2.051	ug/l	98
3) Chloromethane	1.520	50	27473	1.635	ug/l	99
4) Vinyl Chloride	1.604	62	25898	1.804	ug/l	94
5) Bromomethane	1.855	94	15254	2.596	ug/l	99
6) Chloroethane	1.935	64	14161	1.631	ug/l	99
7) Trichlorofluoromethane	2.141	101	30668	1.712	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	17575	1.754	ug/l	95
9) 1,1-Dichloroethene	2.581	96	16047	1.634	ug/l	96
10) Iodomethane	2.723	142	12764	1.576	ug/l	96
11) Allyl Chloride	2.922	41	25910	1.711	ug/l	91
12) Acrylonitrile	3.311	53	13905	4.720	ug/l #	92
13) Acetone	2.626	43	28636	13.898	ug/l	93
14) Carbon Disulfide	2.793	76	45507	1.496	ug/l	98
15) Methylene Chloride	3.044	84	34906	2.626	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	17477	1.722	ug/l	86
17) 1,1-Dichloroethane	3.867	63	38093	1.802	ug/l	98
18) 2-Butanone	4.716	43	38611	11.914	ug/l	99
19) Cyclohexane	5.388	56	23877m	1.556	ug/l	
20) Methylcyclohexane	6.761	83	22118	1.829	ug/l	93
21) 2,2-Dichloropropane	4.668	77	29297	1.823	ug/l	97
22) cis-1,2-Dichloroethene	4.668	96	20042	1.745	ug/l	99
23) Diethyl Ether	2.379	59	15479	1.834	ug/l	95
24) tert-Butyl Alcohol	3.186	59	33977	31.815	ug/l #	92
25) Methyl tert-Butyl Ether	3.366	73	51055	1.957	ug/l	97
26) Bromochloromethane	4.977	128	10417	2.260	ug/l	96
27) Chloroform	5.089	83	37844	1.847	ug/l	95
28) 1,1,1-Trichloroethane	5.317	97	30435	1.741	ug/l	96
29) 1,1-Dichloropropene	5.526	75	24255	1.732	ug/l	99
30) Carbon Tetrachloride	5.523	117	24608	1.758	ug/l	96
31) Isopropyl Ether	3.996	45	47418	1.445	ug/l	83
32) Ethyl-t-butyl ether	4.507	59	42476	1.648	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	37966	2.260	ug/l	97
34) Propionitrile	4.784	54	13285	13.878	ug/l #	93
35) Benzene	5.774	78	76992	1.870	ug/l	97
36) 1,2-Dichloroethane	5.797	62	26580	2.114	ug/l	99
37) Trichloroethene	6.543	130	17862	1.810	ug/l	89
38) 1,2-Dichloropropane	6.793	63	22768	2.060	ug/l	94
39) Methacrylonitrile	4.980	41	6961	1.772	ug/l #	86
40) Methyl acrylate	4.854	55	11579	1.935	ug/l #	97
41) Tetrahydrofuran	5.060	42	9444	4.802	ug/l	98
42) 1-Chlorobutane	5.459	56	31672	1.588	ug/l	94
43) Dibromomethane	6.919	93	12937	2.172	ug/l	95
44) Bromodichloromethane	7.105	83	28721	2.043	ug/l	90

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Quant Time: Sep 17 01:07:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBSD01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	79185	13.242	ug/l	96
46) t-1,4-Dichloro-2-butene	10.825	75	15488m	4.747	ug/l	
47) Methyl methacrylate	6.964	69	22463	4.833	ug/l	84
48) Ethyl methacrylate	8.337	69	16835	2.127	ug/l	98
49) Toluene	7.970	92	39336	1.778	ug/l	90
50) t-1,3-Dichloropropene	8.211	75	22580	2.063	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	24980	1.993	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	19793	2.261	ug/l	96
53) 1,3-Dichloropropane	8.578	76	30383	2.204	ug/l	99
54) 2-Hexanone	8.687	43	55497	13.326	ug/l	92
55) Dibromochloromethane	8.809	129	19490	2.024	ug/l	99
56) 1,2-Dibromoethane	8.925	107	17442	2.218	ug/l	97
58) Tetrachloroethene	8.555	164	17021	1.833	ug/l	97
59) Chlorobenzene	9.446	112	44829	1.878	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	18584	1.852	ug/l	97
61) Pentachloroethane	11.427	117	17054	2.042	ug/l	84
62) Hexachloroethane	12.475	117	12237	1.762	ug/l	100
63) Ethyl Benzene	9.571	91	65639	1.852	ug/l	96
64) m/p-Xylenes	9.694	106	47657	3.435	ug/l	97
65) o-Xylene	10.102	106	23294	1.750	ug/l	97
66) Styrene	10.118	104	38930	1.751	ug/l	97
67) Bromoform	10.292	173	11959	2.186	ug/l	96
69) Isopropylbenzene	10.484	105	59827	1.765	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	28901	2.399	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	19975m	2.204	ug/l	
72) Bromobenzene	10.783	156	18337	1.779	ug/l	95
73) n-propylbenzene	10.906	120	15201	1.677	ug/l	98
74) 2-Chlorotoluene	10.986	126	16288	1.702	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	50973	1.668	ug/l	99
76) 4-Chlorotoluene	11.099	126	16425	1.668	ug/l	93
77) tert-Butylbenzene	11.420	119	53063	1.764	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	49101	1.615	ug/l	96
79) sec-Butylbenzene	11.642	105	67805	1.727	ug/l	99
80) Nitrobenzene	13.214	77	8036m	12.294	ug/l	
81) p-Isopropyltoluene	11.793	119	49702	1.656	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	38267	1.803	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	38037	1.803	ug/l	98
84) n-Butylbenzene	12.208	91	55281	1.867	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	38575	1.849	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	4014	2.111	ug/l	94
87) 1,2,4-Trichlorobenzene	13.841	180	24703	2.075	ug/l	96
88) Hexachlorobutadiene	14.021	225	13361	1.725	ug/l	97
89) Naphthalene	14.089	128	48255	2.312	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	23762	1.962	ug/l	97

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

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