Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
Data File : VU049663.D
Acq On : 08 Jul 2022 18:28
Operator : SY/MD
Sample : VU0708WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0708WBSD01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 04:38:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	32240	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11577	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	12032	1.107	ug/l	0.00
Spiked Amount 1.000			Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	24142	1.955	ug/l	99
3) Chloromethane	1.530	50	25553	2.023	ug/l	99
4) Vinyl Chloride	1.604	62	23334	2.027	ug/l	100
5) Bromomethane	1.855	94	12135	2.021	ug/l	97
6) Chloroethane	1.932	64	12959	2.010	ug/l	96
7) Trichlorofluoromethane	2.138	101	28271	2.049	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	14141	1.950	ug/l	99
9) 1,1-Dichloroethene	2.581	96	14105	1.930	ug/l	94
10) Iodomethane	2.720	142	15968	1.722	ug/l	98
11) Allyl Chloride	2.922	41	25293	2.029	ug/l	91
12) Acrylonitrile	3.321	53	9323	4.770	ug/l	100
13) Acetone	2.633	43	18656	13.229	ug/l	99
14) Carbon Disulfide	2.790	76	44690	1.857	ug/l	98
15) Methylene Chloride	3.044	84	20524	2.242	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	15282	1.991	ug/l	100
17) 1,1-Dichloroethane	3.867	63	32026	2.018	ug/l	98
18) 2-Butanone	4.720	43	28431	11.435	ug/l	97
19) Cyclohexane	5.385	56	25227m	1.663	ug/l	
20) Methylcyclohexane	6.761	83	23501	1.571	ug/l	93
21) 2,2-Dichloropropane	4.665	77	23158	1.783	ug/l	94
22) cis-1,2-Dichloroethene	4.665	96	18113	1.913	ug/l	97
23) Diethyl Ether	2.379	59	13250	2.128	ug/l	96
24) tert-Butyl Alcohol	3.202	59	17312	24.367	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	45476	2.225	ug/l	92
26) Bromochloromethane	4.973	128	8735	2.192	ug/l	98
27) Chloroform	5.089	83	33756	2.161	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	28039	2.035	ug/l	98
29) 1,1-Dichloropropene	5.527	75	22959	1.866	ug/l	96
30) Carbon Tetrachloride	5.523	117	23534	2.029	ug/l	98
31) Isopropyl Ether	4.002	45	52296	1.921	ug/l	91
32) Ethyl-t-butyl ether	4.507	59	48842	1.895	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	42096	1.879	ug/l	98
34) Propionitrile	4.790	54	9463	12.555	ug/l	98
35) Benzene	5.774	78	68646	1.958	ug/l	100
36) 1,2-Dichloroethane	5.797	62	22930	2.300	ug/l	97
37) Trichloroethene	6.543	130	16482	1.860	ug/l	93
38) 1,2-Dichloropropane	6.793	63	18720	2.017	ug/l	98
39) Methacrylonitrile	4.986	41	6923	2.144	ug/l	97
40) Methyl acrylate	4.858	55	10456	2.067	ug/l	98
41) Tetrahydrofuran	5.070	42	8101	4.541	ug/l	93
42) 1-Chlorobutane	5.459	56	31794	1.843	ug/l	99
43) Dibromomethane	6.919	93	10279	2.223	ug/l	95
44) Bromodichloromethane	7.105	83	24137	2.178	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	70148	11.177	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	7942m	3.888	ug/l	
47) Methyl methacrylate	6.964	69	19409	4.162	ug/l	96
48) Ethyl methacrylate	8.337	69	17904	1.914	ug/l	94
49) Toluene	7.970	92	39923	1.865	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	20694	1.933	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	23511	1.853	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	14553	2.280	ug/l	94
53) 1,3-Dichloropropane	8.578	76	25163	2.197	ug/l	99
54) 2-Hexanone	8.690	43	48227	11.064	ug/l	96
55) Dibromochloromethane	8.813	129	16206	2.223	ug/l	98
56) 1,2-Dibromoethane	8.925	107	13815	2.235	ug/l	96
58) Tetrachloroethene	8.552	164	14155	1.921	ug/l	96
59) Chlorobenzene	9.446	112	42746	1.909	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	16550	2.078	ug/l	96
61) Pentachloroethane	11.427	117	12985	2.123	ug/l	95
62) Hexachloroethane	12.475	117	11020	1.799	ug/l	97
63) Ethyl Benzene	9.571	91	71370	1.771	ug/l	98
64) m/p-Xylenes	9.694	106	54192	3.634	ug/l	99
65) o-Xylene	10.099	106	26501	1.808	ug/l	100
66) Styrene	10.115	104	43095	1.830	ug/l	99
67) Bromoform	10.292	173	9146	2.199	ug/l	98
69) Isopropylbenzene	10.485	105	69134	1.766	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	19597	2.364	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	15554m	2.266	ug/l	
72) Bromobenzene	10.784	156	17913	2.031	ug/l	97
73) n-propylbenzene	10.906	120	17550	1.777	ug/l	98
74) 2-Chlorotoluene	10.986	126	17226	1.956	ug/l	95
75) 1,3,5-Trimethylbenzene	11.089	105	58329	1.783	ug/l	99
76) 4-Chlorotoluene	11.099	126	17784	2.013	ug/l	87
77) tert-Butylbenzene	11.420	119	57972	1.799	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	59199	1.802	ug/l	97
79) sec-Butylbenzene	11.642	105	73776	1.746	ug/l	100
80) Nitrobenzene	13.214	77	3383	9.974	ug/l	97
81) p-Isopropyltoluene	11.793	119	60001	1.750	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	34884	2.044	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	36667	2.130	ug/l	98
84) n-Butylbenzene	12.208	91	56302	1.763	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	34344	2.078	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3416	2.362	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	22600	2.027	ug/l	99
88) Hexachlorobutadiene	14.021	225	11207	1.972	ug/l	98
89) Naphthalene	14.086	128	47359	2.025	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	21705	2.038	ug/l	97

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

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