Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050381.D
Acq On : 19 Aug 2022 20:56
Operator : SY/MD
Sample : VU0819WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0819WBSD01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 25 20:12:25 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	6.105	96	35838	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11170	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery =	92.000%		
68) 1,2-Dichlorobenzene-d4	12.198	152	13636	0.945	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	25838	1.741	ug/l	98
3) Chloromethane	1.520	50	32038	1.775	ug/l	100
4) Vinyl Chloride	1.604	62	28908	1.874	ug/l	98
5) Bromomethane	1.855	94	9798	1.552	ug/l	100
6) Chloroethane	1.935	64	17659	1.892	ug/l	100
7) Trichlorofluoromethane	2.138	101	35094	1.823	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	18186	1.689	ug/l	96
9) 1,1-Dichloroethene	2.581	96	19833	1.879	ug/l	97
10) Iodomethane	2.726	142	7926	0.911	ug/l	94
11) Allyl Chloride	2.932	41	29844	1.834	ug/l	100
12) Acrylonitrile	3.337	53	12060m	3.810	ug/l	
13) Acetone	2.636	43	21057m	9.511	ug/l	
14) Carbon Disulfide	2.793	76	58813	1.799	ug/l	100
15) Methylene Chloride	3.054	84	27090	1.897	ug/l	92
16) trans-1,2-Dichloroethene	3.366	96	21095	1.934	ug/l	96
17) 1,1-Dichloroethane	3.883	63	42434	1.868	ug/l	98
18) 2-Butanone	4.752	43	38379m	11.021	ug/l	
19) Cyclohexane	5.359	56	28339m	1.719	ug/l	
20) Methylcyclohexane	6.787	83	19179	1.476	ug/l	96
21) 2,2-Dichloropropane	4.668	77	28999	1.679	ug/l	97
22) cis-1,2-Dichloroethene	4.671	96	23824	1.930	ug/l	99
23) Diethyl Ether	2.379	59	16424	1.811	ug/l	98
24) tert-Butyl Alcohol	3.218	59	22295m	19.429	ug/l	
25) Methyl tert-Butyl Ether	3.392	73	51798	1.847	ug/l	98
26) Bromochloromethane	4.973	128	9319	1.882	ug/l	96
27) Chloroform	5.086	83	43112	1.958	ug/l	93
28) 1,1,1-Trichloroethane	5.298	97	34763	1.850	ug/l	97
29) 1,1-Dichloropropene	5.498	75	28349	1.884	ug/l	94
30) Carbon Tetrachloride	5.498	117	28406	1.889	ug/l	98
31) Isopropyl Ether	4.028	45	65319	1.853	ug/l	98
32) Ethyl-t-butyl ether	4.533	59	52090	1.881	ug/l	100
33) Tert-Amyl methyl ether	5.954	73	34228	1.896	ug/l	93
34) Propionitrile	4.816	54	12250m	11.909	ug/l	
35) Benzene	5.752	78	90378	2.043	ug/l	98
36) 1,2-Dichloroethane	5.784	62	24508	1.814	ug/l	97
37) Trichloroethene	6.549	130	19820	1.869	ug/l	97
38) 1,2-Dichloropropane	6.832	63	21603	1.819	ug/l	98
39) Methacrylonitrile	4.999	41	6853	1.624	ug/l #	89
40) Methyl acrylate	4.874	55	11211	1.744	ug/l #	96
41) Tetrahydrofuran	5.089	42	7107	3.363	ug/l	96
42) 1-Chlorobutane	5.436	56	39697	1.852	ug/l	98
43) Dibromomethane	6.957	93	11755	1.836	ug/l	98
44) Bromodichloromethane	7.141	83	28085	1.859	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.832	43	51711	8.048	ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	11502m	3.443	ug/l	
47) Methyl methacrylate	7.009	69	15825	3.518	ug/l	96
48) Ethyl methacrylate	8.359	69	14049	1.776	ug/l	93
49) Toluene	7.993	92	40229	1.692	ug/l	97
50) t-1,3-Dichloropropene	8.234	75	20025	1.703	ug/l	95
51) cis-1,3-Dichloropropene	7.639	75	23021	1.710	ug/l	94
52) 1,1,2-Trichloroethane	8.423	97	16676	1.773	ug/l	99
53) 1,3-Dichloropropane	8.597	76	26159	1.766	ug/l	97
54) 2-Hexanone	8.713	43	35891	8.021	ug/l	94
55) Dibromochloromethane	8.829	129	19013	1.837	ug/l	97
56) 1,2-Dibromoethane	8.941	107	15548	1.840	ug/l	97
58) Tetrachloroethene	8.571	164	18475	1.851	ug/l	97
59) Chlorobenzene	9.459	112	45843	1.787	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.546	131	19996	1.855	ug/l	99
61) Pentachloroethane	11.430	117	16187	1.804	ug/l	94
62) Hexachloroethane	12.478	117	12825	1.718	ug/l	96
63) Ethyl Benzene	9.581	91	64680	1.745	ug/l	98
64) m/p-Xylenes	9.703	106	50643	3.409	ug/l	95
65) o-Xylene	10.108	106	25460	1.771	ug/l	96
66) Styrene	10.124	104	41201	1.733	ug/l	97
67) Bromoform	10.298	173	10544	1.794	ug/l	98
69) Isopropylbenzene	10.491	105	64738	1.774	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	22476	1.736	ug/l	96
71) 1,2,3-Trichloropropane	10.832	75	15043m	1.545	ug/l	
72) Bromobenzene	10.790	156	19817	1.790	ug/l	93
73) n-propylbenzene	10.912	120	15685	1.634	ug/l	97
74) 2-Chlorotoluene	10.993	126	17752	1.720	ug/l	94
75) 1,3,5-Trimethylbenzene	11.092	105	55685	1.688	ug/l	100
76) 4-Chlorotoluene	11.105	126	18297	1.714	ug/l	88
77) tert-Butylbenzene	11.423	119	57243	1.769	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	56352	1.687	ug/l	97
79) sec-Butylbenzene	11.645	105	74936	1.761	ug/l	100
80) Nitrobenzene	13.214	77	6621	9.427	ug/l	96
81) p-Isopropyltoluene	11.796	119	56607	1.719	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	41599	1.824	ug/l	97
83) 1,4-Dichlorobenzene	11.841	146	41479	1.830	ug/l	99
84) n-Butylbenzene	12.211	91	54217	1.755	ug/l	97
85) 1,2-Dichlorobenzene	12.218	146	41548	1.854	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3268	1.600	ug/l	98
87) 1,2,4-Trichlorobenzene	13.845	180	22969	1.796	ug/l	99
88) Hexachlorobutadiene	14.021	225	14702	1.766	ug/l	97
89) Naphthalene	14.089	128	44275	2.115	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	23957	1.871	ug/l	99

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

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