

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059149.D
 Acq On : 05 Jun 2024 12:31
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 06 02:39:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 02:35:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.103	96	53366	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	19050	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	19810	1.042	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	239157m	14.305	ug/l	
3) Chloromethane	1.521	50	276642	13.745	ug/l	98
4) Vinyl Chloride	1.634	62	287530m	14.136	ug/l	
5) Bromomethane	1.849	94	163942	13.265	ug/l	98
6) Chloroethane	1.962	64	228533m	17.464	ug/l	
7) Trichlorofluoromethane	2.103	101	519608	20.589	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.531	101	189902	14.637	ug/l	98
9) 1,1-Dichloroethene	2.534	96	199243	15.500	ug/l	97
10) Iodomethane	2.682	142	206195	12.786	ug/l	97
11) Allyl Chloride	2.888	41	266425	15.336	ug/l	100
12) Acrylonitrile	3.325	53	93206	32.096	ug/l	95
13) Acetone	2.644	43	376341	84.711	ug/l	100
14) Carbon Disulfide	2.747	76	556050	13.574	ug/l	100
15) Methylene Chloride	3.017	84	235824	13.383	ug/l	98
16) trans-1,2-Dichloroethene	3.322	96	211969	15.113	ug/l	98
17) 1,1-Dichloroethane	3.843	63	431367	14.687	ug/l	99
18) 2-Butanone	4.717	43	419886	85.613	ug/l	99
19) Cyclohexane	5.364	56	364831m	17.163	ug/l	
20) Methylcyclohexane	6.750	83	378745	17.732	ug/l	99
21) 2,2-Dichloropropane	4.640	77	331028	15.238	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	238676	15.659	ug/l	100
23) Diethyl Ether	2.354	59	224525	18.628	ug/l	96
24) tert-Butyl Alcohol	3.319	59	124675m	154.746	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	501508	16.273	ug/l	99
26) Bromochloromethane	4.959	128	95716	14.869	ug/l	100
27) Chloroform	5.074	83	425769	14.421	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	347874	14.944	ug/l	100
29) 1,1-Dichloropropene	5.508	75	309301	15.857	ug/l	99
30) Carbon Tetrachloride	5.505	117	277223	14.521	ug/l	99
31) Isopropyl Ether	3.991	45	646489	16.784	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	622875	17.381	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	549075	17.356	ug/l	100
34) Propionitrile	4.804	54	88593m	79.635	ug/l	
35) Benzene	5.759	78	941497	15.346	ug/l	100
36) 1,2-Dichloroethane	5.782	62	273887	15.053	ug/l	100
37) Trichloroethene	6.531	130	216857	14.800	ug/l	94
38) 1,2-Dichloropropane	6.782	63	264495	15.182	ug/l	100
39) Methacrylonitrile	4.975	41	66573	15.898	ug/l	95
40) Methyl acrylate	4.846	55	134566	18.371	ug/l	98
41) Tetrahydrofuran	5.065	42	68832	30.519	ug/l	99
42) 1-Chlorobutane	5.441	56	442886	16.428	ug/l	98
43) Dibromomethane	6.910	93	118357	15.005	ug/l	99
44) Bromodichloromethane	7.100	83	307019	15.022	ug/l	98

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45) 4-Methyl-2-Pentanone	7.795	43	716068	84.678	ug/l	99
46) t-1,4-Dichloro-2-butene	10.836	75	108495m	29.856	ug/l	
47) Methyl methacrylate	6.962	69	237919	35.123	ug/l	98
48) Ethyl methacrylate	8.335	69	224482	18.759	ug/l	99
49) Toluene	7.962	92	569473	16.855	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	295159	16.878	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	352362	16.448	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	178089	15.279	ug/l	96
53) 1,3-Dichloropropane	8.569	76	310696	15.471	ug/l	99
54) 2-Hexanone	8.692	43	623325	77.874	ug/l	99
55) Dibromochloromethane	8.807	129	191866	15.210	ug/l	99
56) 1,2-Dibromoethane	8.920	107	158129	15.469	ug/l	100
58) Tetrachloroethene	8.547	164	191270	14.162	ug/l	99
59) Chlorobenzene	9.444	112	607438	16.432	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	203484	15.368	ug/l	100
61) Pentachloroethane	11.425	117	164308	15.997	ug/l	97
62) Hexachloroethane	12.470	117	178251	17.071	ug/l	97
63) Ethyl Benzene	9.566	91	1133967	18.109	ug/l	99
64) m/p-Xylenes	9.688	106	852352	36.209	ug/l	99
65) o-Xylene	10.097	106	419374	18.066	ug/l	100
66) Styrene	10.113	104	686699	15.145	ug/l	99
67) Bromoform	10.290	173	105133	15.393	ug/l	98
69) Isopropylbenzene	10.479	105	1093342	18.383	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.782	83	225723	15.404	ug/l	98
71) 1,2,3-Trichloropropane	10.827	75	168407m	15.456	ug/l	
72) Bromobenzene	10.778	156	235352	16.507	ug/l	99
73) n-propylbenzene	10.900	120	291768	15.092	ug/l	99
74) 2-Chlorotoluene	10.984	126	247750	17.047	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	937818	15.155	ug/l	100
76) 4-Chlorotoluene	11.093	126	259056	17.051	ug/l	98
77) tert-Butylbenzene	11.415	119	869473	18.213	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	958410	15.089	ug/l	100
79) sec-Butylbenzene	11.640	105	1210925	15.087	ug/l	99
80) Nitrobenzene	13.206	77	31280	75.254	ug/l	94
81) p-Isopropyltoluene	11.788	119	972074	15.046	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	481627	15.941	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	479786	15.880	ug/l	99
84) n-Butylbenzene	12.206	91	925375	14.918	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	450807	15.809	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	32906	16.502	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	255085	16.712	ug/l	100
88) Hexachlorobutadiene	14.016	225	153822	16.144	ug/l	99
89) Naphthalene	14.084	128	410875	17.035	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	233710	16.840	ug/l	99

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

