

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061132.D
 Acq On : 16 Oct 2024 10:02
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 04:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	30232	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14702	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13693	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2909	0.494	ug/l	99
3) Chloromethane	1.515	50	2359	0.584	ug/l	99
4) Vinyl Chloride	1.599	62	2170	0.457	ug/l	91
5) Bromomethane	1.856	94	1768	0.555	ug/l	91
6) Chloroethane	1.927	64	2663	0.538	ug/l	99
7) Trichlorofluoromethane	2.132	101	5453	0.477	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3456	0.470	ug/l	98
9) 1,1-Dichloroethene	2.573	96	2443	0.467	ug/l	96
11) Allyl Chloride	2.917	41	4407	0.522	ug/l	92
12) Acrylonitrile	3.358	53	2223m	1.046	ug/l	
13) Acetone	2.640	43	8501	2.593	ug/l	96
14) Carbon Disulfide	2.788	76	2427	0.581	ug/l	96
15) Methylene Chloride	3.039	84	5075	0.565	ug/l	92
16) trans-1,2-Dichloroethene	3.354	96	2822	0.478	ug/l	95
17) 1,1-Dichloroethane	3.862	63	8744	0.494	ug/l	96
18) 2-Butanone	4.743	43	9524m	2.551	ug/l	
19) Cyclohexane	5.377	56	3514m	0.472	ug/l	
20) Methylcyclohexane	6.753	83	4384	0.463	ug/l	98
21) 2,2-Dichloropropane	4.653	77	8353	0.487	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	4667	0.467	ug/l	98
23) Diethyl Ether	2.370	59	2790	0.487	ug/l	97
25) Methyl tert-Butyl Ether	3.354	73	12236	0.465	ug/l	# 91
26) Bromochloromethane	4.975	128	1833	0.440	ug/l	90
27) Chloroform	5.084	83	10561	0.496	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	8079	0.479	ug/l	95
29) 1,1-Dichloropropene	5.521	75	4572	0.468	ug/l	91
30) Carbon Tetrachloride	5.515	117	6185	0.476	ug/l	98
31) Isopropyl Ether	3.988	45	13874	0.480	ug/l	100
32) Ethyl-t-butyl ether	4.493	59	14420	0.471	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	13394	0.471	ug/l	98
34) Propionitrile	4.817	54	1868m	2.150	ug/l	
35) Benzene	5.769	78	17031	0.497	ug/l	99
36) 1,2-Dichloroethane	5.798	62	5539	0.469	ug/l	97
37) Trichloroethene	6.537	130	4558	0.480	ug/l	99
38) 1,2-Dichloropropane	6.788	63	5340	0.469	ug/l	92
39) Methacrylonitrile	5.004	41	1204m	0.409	ug/l	
40) Methyl acrylate	4.898	55	2714m	0.547	ug/l	
41) Tetrahydrofuran	5.068	42	1605m	1.011	ug/l	
42) 1-Chlorobutane	5.454	56	6636	0.481	ug/l	95
43) Dibromomethane	6.914	93	2507	0.473	ug/l	98
44) Bromodichloromethane	7.097	83	7510	0.467	ug/l	88
45) 4-Methyl-2-Pentanone	7.788	43	17130	2.464	ug/l	95
46) t-1,4-Dichloro-2-butene	10.836	75	2561m	0.861	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061132.D
 Acq On : 16 Oct 2024 10:02
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 04:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 04:49:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.965	69	4809	0.887	ug/l	91
48) Ethyl methacrylate	8.338	69	5244	0.464	ug/l	87
49) Toluene	7.965	92	10793	0.463	ug/l	93
50) t-1,3-Dichloropropene	8.213	75	6296	0.445	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	7886	0.478	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	4415	0.491	ug/l	98
53) 1,3-Dichloropropane	8.573	76	6976	0.479	ug/l	99
54) 2-Hexanone	8.688	43	15512m	2.537	ug/l	
55) Dibromochloromethane	8.804	129	4904	0.452	ug/l	98
56) 1,2-Dibromoethane	8.920	107	3720	0.491	ug/l	91
58) Tetrachloroethene	8.547	164	4009	0.483	ug/l	89
59) Chlorobenzene	9.444	112	14271	0.473	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	5673	0.482	ug/l	97
61) Pentachloroethane	11.418	117	4068	0.448	ug/l	97
62) Hexachloroethane	12.466	117	4184	0.442	ug/l	92
63) Ethyl Benzene	9.563	91	25109	0.487	ug/l	96
64) m/p-Xylenes	9.688	106	17888	0.932	ug/l	98
65) o-Xylene	10.097	106	9629	0.474	ug/l	95
66) Styrene	10.113	104	14382	0.444	ug/l	98
67) Bromoform	10.287	173	2841	0.487	ug/l #	85
69) Isopropylbenzene	10.476	105	25988	0.471	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	5475	0.463	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	4141m	0.450	ug/l	
72) Bromobenzene	10.778	156	5641	0.467	ug/l	98
73) n-propylbenzene	10.901	120	6314	0.438	ug/l	97
74) 2-Chlorotoluene	10.981	126	6120	0.467	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	21225	0.458	ug/l	99
76) 4-Chlorotoluene	11.094	126	5920	0.446	ug/l	100
77) tert-Butylbenzene	11.412	119	22049	0.457	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	21249	0.449	ug/l	97
79) sec-Butylbenzene	11.637	105	28450	0.456	ug/l	99
81) p-Isopropyltoluene	11.785	119	22331	0.441	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	11706	0.460	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	11275	0.446	ug/l	95
84) n-Butylbenzene	12.203	91	22185	0.456	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	11323	0.462	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.997	75	926	0.503	ug/l	87
87) 1,2,4-Trichlorobenzene	13.843	180	6136	0.419	ug/l	99
88) Hexachlorobutadiene	14.013	225	3606	0.444	ug/l	97
89) Naphthalene	14.090	128	10131	0.412	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.328	180	5321	0.430	ug/l	96

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

