Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
Data File : VU057786.D
Acq On : 02 Feb 2024 10:49
Operator : MD/SY
Sample : VU0202WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0202WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

Quant Time: Feb 03 05:52:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.113	96	42834	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15512	0.956	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	13273	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery =	91.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	26353	1.848	ug/l	97
3) Chloromethane	1.518	50	25560	1.868	ug/l	99
4) Vinyl Chloride	1.602	62	27085	1.941	ug/l	97
5) Bromomethane	1.856	94	16380	1.978	ug/l	98
6) Chloroethane	1.933	64	17007	1.929	ug/l	99
7) Trichlorofluoromethane	2.132	101	39461	1.847	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	20461	1.862	ug/l	97
9) 1,1-Dichloroethene	2.576	96	19713	1.852	ug/l	99
10) Iodomethane	2.718	142	22564	1.787	ug/l	94
11) Allyl Chloride	2.917	41	27592	1.911	ug/l	86
12) Acrylonitrile	3.332	53	6805	3.746	ug/l #	92
13) Acetone	2.650	43	34286	10.428	ug/l	93
14) Carbon Disulfide	2.788	76	64483	1.892	ug/l	100
15) Methylene Chloride	3.039	84	23616	1.857	ug/l	91
16) trans-1,2-Dichloroethene	3.348	96	21962	1.890	ug/l	98
17) 1,1-Dichloroethane	3.862	63	41607	1.896	ug/l	99
18) 2-Butanone	4.724	43	36307	10.245	ug/l	95
19) Cyclohexane	5.383	56	31930	1.857	ug/l	89
20) Methylcyclohexane	6.759	83	38533	1.854	ug/l	97
21) 2,2-Dichloropropane	4.656	77	36893	1.893	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	23982	1.884	ug/l	95
23) Diethyl Ether	2.374	59	14604	1.901	ug/l	96
24) tert-Butyl Alcohol	3.303	59	17717m	20.286	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	46516	1.862	ug/l	94
26) Bromochloromethane	4.968	128	9226	1.804	ug/l	94
27) Chloroform	5.081	83	44144	1.935	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	38909	1.889	ug/l	100
29) 1,1-Dichloropropene	5.521	75	31964	1.918	ug/l	98
30) Carbon Tetrachloride	5.518	117	32614	1.838	ug/l	97
31) Isopropyl Ether	3.984	45	60017	1.869	ug/l	99
32) Ethyl-t-butyl ether	4.492	59	55429	1.859	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	45332	1.806	ug/l	97
34) Propionitrile	4.811	54	6996m	9.525	ug/l	
35) Benzene	5.769	78	90148	1.879	ug/l	99
36) 1,2-Dichloroethane	5.788	62	26475	1.894	ug/l	95
37) Trichloroethene	6.541	130	23924	1.878	ug/l	99
38) 1,2-Dichloropropane	6.785	63	23486	1.888	ug/l	99
39) Methacrylonitrile	4.981	41	5063	1.729	ug/l	95
40) Methyl acrylate	4.862	55	10083	2.247	ug/l #	91
41) Tetrahydrofuran	5.071	42	5815	3.720	ug/l	96
42) 1-Chlorobutane	5.454	56	42997	1.957	ug/l	96
43) Dibromomethane	6.917	93	11249	1.966	ug/l	92
44) Bromodichloromethane	7.100	83	30104	1.879	ug/l	99

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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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ClientSampleId :
VU0202WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

Quant Time: Feb 03 05:52:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	57390	9.412	ug/l	97
46) t-1,4-Dichloro-2-butene	10.833	75	6867m	4.744	ug/l	
47) Methyl methacrylate	6.962	69	18755	3.711	ug/l	92
48) Ethyl methacrylate	8.332	69	18119	1.789	ug/l	94
49) Toluene	7.965	92	55477	1.893	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	25483	1.843	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	33141	1.892	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	14418	1.829	ug/l	96
53) 1,3-Dichloropropane	8.573	76	26655	1.881	ug/l	98
54) 2-Hexanone	8.685	43	54206	9.657	ug/l	96
55) Dibromochloromethane	8.804	129	17237	1.766	ug/l	98
56) 1,2-Dibromoethane	8.920	107	14260	1.965	ug/l	97
58) Tetrachloroethene	8.550	164	22073	1.963	ug/l	99
59) Chlorobenzene	9.444	112	59597	1.839	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	19996	1.818	ug/l	96
61) Pentachloroethane	11.421	117	13982	1.748	ug/l	90
62) Hexachloroethane	12.470	117	14675	1.823	ug/l	99
63) Ethyl Benzene	9.566	91	105013	1.822	ug/l	99
64) m/p-Xylenes	9.692	106	76884	3.673	ug/l	98
65) o-Xylene	10.097	106	37950	1.832	ug/l	96
66) Styrene	10.113	104	53751	1.738	ug/l	94
67) Bromoform	10.286	173	8585	1.709	ug/l	96
69) Isopropylbenzene	10.479	105	96694	1.780	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	18048	1.827	ug/l	94
71) 1,2,3-Trichloropropane	10.820	75	12217m	1.498	ug/l	
72) Bromobenzene	10.782	156	21638	1.810	ug/l	96
73) n-propylbenzene	10.904	120	23552	1.726	ug/l	99
74) 2-Chlorotoluene	10.984	126	23526	1.858	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	83562	1.791	ug/l	100
76) 4-Chlorotoluene	11.093	126	22500	1.768	ug/l	92
77) tert-Butylbenzene	11.415	119	76168	1.740	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	83239	1.759	ug/l	100
79) sec-Butylbenzene	11.640	105	98134	1.754	ug/l	97
80) Nitrobenzene	13.222	77	1966m	10.420	ug/l	
81) p-Isopropyltoluene	11.788	119	85378	1.810	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	42929	1.776	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	40738	1.727	ug/l	95
84) n-Butylbenzene	12.206	91	82152	1.821	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	39043	1.781	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2443	1.831	ug/l	89
87) 1,2,4-Trichlorobenzene	13.839	180	22318	1.704	ug/l	97
88) Hexachlorobutadiene	14.016	225	15329	1.824	ug/l	96
89) Naphthalene	14.087	128	32844	1.624	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	18667	1.713	ug/l	100

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

Quantitation Report (QT Reviewed)

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QLast Update : Fri Feb 02 00:27:55 2024
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Instrument :
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Manual Integrations APPROVED

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