Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059216.D
Acq On : 12 Jun 2024 11:22
Operator : MD/SY
Sample : VU0612WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

Quant Time: Jun 13 03:01:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 08:51:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.110	96	45709	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	16349	1.051	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	16504	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	29296	2.046	ug/l	98
3) Chloromethane	1.515	50	34295	1.989	ug/l	100
4) Vinyl Chloride	1.602	62	36000	2.066	ug/l	99
5) Bromomethane	1.853	94	23668	2.236	ug/l	92
6) Chloroethane	1.930	64	21632	1.930	ug/l	100
7) Trichlorofluoromethane	2.136	101	43990	2.035	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	24760	2.228	ug/l	99
9) 1,1-Dichloroethene	2.576	96	23460	2.131	ug/l	95
10) Iodomethane	2.718	142	29974	2.159	ug/l	99
11) Allyl Chloride	2.917	41	28511	1.916	ug/l	99
12) Acrylonitrile	3.332	53	9995	4.018	ug/l	93
13) Acetone	2.640	43	35943	9.496	ug/l	99
14) Carbon Disulfide	2.788	76	71617	2.041	ug/l	98
15) Methylene Chloride	3.039	84	30982	2.053	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	25549	2.127	ug/l	97
17) 1,1-Dichloroethane	3.862	63	52424	2.084	ug/l	99
18) 2-Butanone	4.714	43	36476	8.688	ug/l	99
19) Cyclohexane	5.383	56	36264m	1.992	ug/l	
20) Methylcyclohexane	6.756	83	37450	2.047	ug/l	99
21) 2,2-Dichloropropane	4.656	77	36305	1.951	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	28286	2.167	ug/l	96
23) Diethyl Ether	2.373	59	20442	1.980	ug/l	98
24) tert-Butyl Alcohol	3.222	59	13763m	20.783	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	52530	1.990	ug/l	98
26) Bromochloromethane	4.965	128	12402	2.249	ug/l	91
27) Chloroform	5.081	83	53298	2.108	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	41468	2.080	ug/l	99
29) 1,1-Dichloropropene	5.521	75	33662	2.015	ug/l	98
30) Carbon Tetrachloride	5.518	117	34094	2.085	ug/l	97
31) Isopropyl Ether	3.988	45	63668	1.930	ug/l	95
32) Ethyl-t-butyl ether	4.492	59	59180	1.928	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	52630	1.942	ug/l	98
34) Propionitrile	4.801	54	9781m	10.170	ug/l	
35) Benzene	5.769	78	110287	2.099	ug/l	100
36) 1,2-Dichloroethane	5.791	62	31855	2.044	ug/l	98
37) Trichloroethene	6.537	130	27771	2.213	ug/l	96
38) 1,2-Dichloropropane	6.785	63	29616	1.985	ug/l	96
39) Methacrylonitrile	4.984	41	6241	1.740	ug/l #	87
40) Methyl acrylate	4.859	55	12544m	1.997	ug/l	
41) Tetrahydrofuran	5.068	42	7262	3.786	ug/l	95
42) 1-Chlorobutane	5.454	56	46827	2.028	ug/l	97
43) Dibromomethane	6.914	93	14435	2.137	ug/l	97
44) Bromodichloromethane	7.100	83	36718	2.098	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059216.D
Acq On : 12 Jun 2024 11:22
Operator : MD/SY
Sample : VU0612WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

Quant Time: Jun 13 03:01:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 08:51:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	68084	9.400	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	13312m	4.331	ug/l	
47) Methyl methacrylate	6.962	69	22744	3.920	ug/l	96
48) Ethyl methacrylate	8.331	69	19404	1.893	ug/l	97
49) Toluene	7.965	92	60436	2.088	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	28614	1.910	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	36671	1.999	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	20930	2.097	ug/l	93
53) 1,3-Dichloropropane	8.569	76	36234	2.107	ug/l	99
54) 2-Hexanone	8.682	43	49793	9.211	ug/l	96
55) Dibromochloromethane	8.804	129	23058	2.134	ug/l	99
56) 1,2-Dibromoethane	8.920	107	17815	2.035	ug/l	97
58) Tetrachloroethene	8.547	164	26952	2.330	ug/l	98
59) Chlorobenzene	9.441	112	70088	2.214	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	24455	2.156	ug/l	98
61) Pentachloroethane	11.421	117	18601	2.114	ug/l	96
62) Hexachloroethane	12.470	117	18156	2.030	ug/l	98
63) Ethyl Benzene	9.566	91	108830	2.036	ug/l	99
64) m/p-Xylenes	9.688	106	84298	4.181	ug/l	98
65) o-Xylene	10.093	106	41840	2.104	ug/l	97
66) Styrene	10.113	104	65201	2.032	ug/l	97
67) Bromoform	10.283	173	12550	2.145	ug/l	95
69) Isopropylbenzene	10.479	105	106156	2.084	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	26390	2.103	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	18669m	1.949	ug/l	
72) Bromobenzene	10.778	156	26419	2.163	ug/l	96
73) n-propylbenzene	10.900	120	28250	2.036	ug/l	96
74) 2-Chlorotoluene	10.981	126	26820	2.155	ug/l	96
75) 1,3,5-Trimethylbenzene	11.084	105	91509	2.081	ug/l	100
76) 4-Chlorotoluene	11.093	126	28165	2.164	ug/l	93
77) tert-Butylbenzene	11.415	119	85978	2.103	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	89889	2.024	ug/l	99
79) sec-Butylbenzene	11.637	105	122065	2.098	ug/l	100
80) Nitrobenzene	13.222	77	2610m	9.924	ug/l	
81) p-Isopropyltoluene	11.788	119	94264	2.098	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	57143	2.208	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	55461	2.143	ug/l	99
84) n-Butylbenzene	12.206	91	85068	2.022	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	52983	2.169	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	3077	1.802	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	26362	2.016	ug/l	96
88) Hexachlorobutadiene	14.013	225	18546	2.272	ug/l	97
89) Naphthalene	14.087	128	36255	1.704	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	24540	2.064	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059216.D
Acq On : 12 Jun 2024 11:22
Operator : MD/SY
Sample : VU0612WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

Quant Time: Jun 13 03:01:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 08:51:44 2024
Response via : Initial Calibration