Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
Data File : VU061608.D
Acq On : 12 Nov 2024 17:49
Operator : MD/SY
Sample : VU1112WBSD01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 05:09:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Nov 13 05:00:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.106	96	45920	1.000 ug/l	# 0.00
System Monitoring Compounds					
57) 4-Bromofluorobenzene	10.627	95	15561	0.977 ug/l	0.00
Spiked Amount 1.000			Recovery =	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15575	0.981 ug/l	0.00
Spiked Amount 1.000			Recovery =	98.000%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	21168	1.793 ug/l	99
3) Chloromethane	1.518	50	22045	1.953 ug/l	99
4) Vinyl Chloride	1.602	62	24205	1.906 ug/l	98
5) Bromomethane	1.853	94	15627	1.949 ug/l	97
6) Chloroethane	1.930	64	18573	1.808 ug/l	99
7) Trichlorofluoromethane	2.132	101	35135	1.933 ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	17897	1.839 ug/l	99
9) 1,1-Dichloroethene	2.573	96	19381	1.901 ug/l	98
10) Iodomethane	2.718	142	16073	1.969 ug/l	98
11) Allyl Chloride	2.917	41	21200	1.797 ug/l	95
12) Acrylonitrile	3.328	53	7593m	3.766 ug/l	
13) Acetone	2.647	43	15341	5.451 ug/l	98
14) Carbon Disulfide	2.788	76	59459	1.805 ug/l	99
15) Methylene Chloride	3.039	84	23778	1.931 ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	22323	1.885 ug/l	98
17) 1,1-Dichloroethane	3.859	63	39378	1.865 ug/l	99
18) 2-Butanone	4.721	43	22814	6.991 ug/l	97
19) Cyclohexane	5.377	56	29951m	1.748 ug/l	
20) Methylcyclohexane	6.753	83	32334	1.683 ug/l	98
21) 2,2-Dichloropropane	4.650	77	28906	1.702 ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	23944	1.853 ug/l	98
23) Diethyl Ether	2.370	59	14458	1.903 ug/l	98
24) tert-Butyl Alcohol	3.229	59	15794m	20.381 ug/l	
25) Methyl tert-Butyl Ether	3.357	73	47126	1.886 ug/l	100
26) Bromochloromethane	4.968	128	10754	1.889 ug/l	98
27) Chloroform	5.078	83	43046	1.922 ug/l	96
28) 1,1,1-Trichloroethane	5.306	97	33592	1.815 ug/l	98
29) 1,1-Dichloropropene	5.518	75	30441	1.831 ug/l	98
30) Carbon Tetrachloride	5.515	117	29191	1.840 ug/l	96
31) Isopropyl Ether	3.981	45	51634	1.837 ug/l	97
32) Ethyl-t-butyl ether	4.489	59	48901	1.820 ug/l	98
33) Tert-Amyl methyl ether	5.930	73	45491	1.873 ug/l	100
34) Propionitrile	4.801	54	6994m	8.925 ug/l	
35) Benzene	5.766	78	93703	1.891 ug/l	99
36) 1,2-Dichloroethane	5.788	62	26564	1.929 ug/l	99
37) Trichloroethene	6.537	130	24715	1.883 ug/l	93
38) 1,2-Dichloropropane	6.782	63	23828	1.915 ug/l	97
39) Methacrylonitrile	4.981	41	4859	1.788 ug/l	96
40) Methyl acrylate	4.872	55	10214m	2.038 ug/l	
41) Tetrahydrofuran	5.061	42	5433	3.524 ug/l #	72
42) 1-Chlorobutane	5.451	56	38129	1.838 ug/l	96
43) Dibromomethane	6.913	93	12216	1.854 ug/l	97
44) Bromodichloromethane	7.097	83	27767	1.866 ug/l	96

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
VU1112WBSD01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Nov 13 05:00:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	55091	8.987 ug/l	97
46) t-1,4-Dichloro-2-butene	10.817	75	13003m	3.876 ug/l	
47) Methyl methacrylate	6.958	69	17894	3.421 ug/l	93
48) Ethyl methacrylate	8.328	69	19141	1.800 ug/l	99
49) Toluene	7.962	92	55410	1.831 ug/l	99
50) t-1,3-Dichloropropene	8.206	75	22674	1.703 ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	29163	1.707 ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	17024	1.885 ug/l	98
53) 1,3-Dichloropropane	8.569	76	29181	1.893 ug/l	100
54) 2-Hexanone	8.685	43	36935	7.072 ug/l	98
55) Dibromochloromethane	8.801	129	17594	1.799 ug/l	100
56) 1,2-Dibromoethane	8.917	107	15741	1.854 ug/l	98
58) Tetrachloroethene	8.547	164	21673	1.836 ug/l	96
59) Chlorobenzene	9.441	112	62389	1.866 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	20177	1.829 ug/l	99
61) Pentachloroethane	11.418	117	14816	1.785 ug/l	93
62) Hexachloroethane	12.466	117	13081	1.769 ug/l	95
63) Ethyl Benzene	9.563	91	100140	1.779 ug/l	99
64) m/p-Xylenes	9.685	106	75974	3.505 ug/l	98
65) o-Xylene	10.093	106	38191	1.807 ug/l	98
66) Styrene	10.110	104	59106	1.772 ug/l	99
67) Bromoform	10.283	173	9064	1.787 ug/l	99
69) Isopropylbenzene	10.476	105	87120	1.762 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	19884	1.788 ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	16801m	1.877 ug/l	
72) Bromobenzene	10.778	156	24104	1.839 ug/l	98
73) n-propylbenzene	10.897	120	24999	1.710 ug/l	97
74) 2-Chlorotoluene	10.978	126	24017	1.842 ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	78326	1.750 ug/l	99
76) 4-Chlorotoluene	11.090	126	23841	1.778 ug/l	95
77) tert-Butylbenzene	11.412	119	76726	1.756 ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	79279	1.716 ug/l	99
79) sec-Butylbenzene	11.634	105	101695	1.756 ug/l	100
80) Nitrobenzene	13.222	77	1212	9.771 ug/l #	80
81) p-Isopropyltoluene	11.785	119	81390	1.696 ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	46110	1.819 ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	44423	1.751 ug/l	97
84) n-Butylbenzene	12.199	91	72971	1.657 ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	43775	1.829 ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2273	1.646 ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	23775	1.819 ug/l	99
88) Hexachlorobutadiene	14.013	225	14080	1.762 ug/l	99
89) Naphthalene	14.084	128	36778	1.829 ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	22019	1.847 ug/l	97

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

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