Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047825.D
Acq On : 06 Apr 2022 11:46
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Quant Time: Apr 07 05:52:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	52627	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18284	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	23096	1.227	ug/l	0.00
Spiked Amount 1.000			Recovery = 123.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35295	1.772	ug/l	98
3) Chloromethane	1.527	50	38613	1.839	ug/l	98
4) Vinyl Chloride	1.607	62	34891	1.644	ug/l	96
5) Bromomethane	1.861	94	22474	1.873	ug/l	94
6) Chloroethane	1.938	64	22025	1.594	ug/l	99
7) Trichlorofluoromethane	2.144	101	46603	1.841	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	27145	1.859	ug/l	99
9) 1,1-Dichloroethene	2.588	96	26308	1.911	ug/l	97
10) Iodomethane	2.729	142	16839	1.244	ug/l	98
11) Allyl Chloride	2.928	41	35757	1.800	ug/l	99
12) Acrylonitrile	3.327	53	13929	4.013	ug/l	98
13) Acetone	2.652	43	25714	6.541	ug/l	100
14) Carbon Disulfide	2.797	76	85141	2.022	ug/l	99
15) Methylene Chloride	3.051	84	34847	2.087	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	28786	1.949	ug/l	98
17) 1,1-Dichloroethane	3.874	63	47321	1.740	ug/l	99
18) 2-Butanone	4.732	43	34079	6.762	ug/l	99
19) Cyclohexane	5.388	56	34846m	1.415	ug/l	
20) Methylcyclohexane	6.764	83	37583	1.507	ug/l	96
21) 2,2-Dichloropropane	4.671	77	38337	1.660	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	30268	1.870	ug/l	99
23) Diethyl Ether	2.382	59	19887	1.580	ug/l	96
24) tert-Butyl Alcohol	3.256	59	21266m	19.977	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	65571	1.738	ug/l	96
26) Bromochloromethane	4.980	128	14865	2.096	ug/l	97
27) Chloroform	5.096	83	51109	1.814	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	43202	1.868	ug/l	98
29) 1,1-Dichloropropene	5.530	75	36849	1.756	ug/l	97
30) Carbon Tetrachloride	5.526	117	37707	2.062	ug/l	97
31) Isopropyl Ether	4.006	45	64577	1.525	ug/l	96
32) Ethyl-t-butyl ether	4.514	59	62493	1.473	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	54448	1.440	ug/l	99
34) Propionitrile	4.809	54	11624	8.943	ug/l #	94
35) Benzene	5.777	78	108187	1.778	ug/l	99
36) 1,2-Dichloroethane	5.800	62	32347	1.686	ug/l	99
37) Trichloroethene	6.546	130	31621	2.084	ug/l	95
38) 1,2-Dichloropropane	6.796	63	27286	1.735	ug/l	97
39) Methacrylonitrile	4.989	41	7600	1.483	ug/l	97
40) Methyl acrylate	4.858	55	12669m	1.507	ug/l	
41) Tetrahydrofuran	5.076	42	8682	2.988	ug/l	97
42) 1-Chlorobutane	5.462	56	45393	1.527	ug/l	91
43) Dibromomethane	6.922	93	15978	2.007	ug/l	99
44) Bromodichloromethane	7.108	83	36636	1.868	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047825.D
Acq On : 06 Apr 2022 11:46
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Quant Time: Apr 07 05:52:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	78699	7.512	ug/l		96
46) t-1,4-Dichloro-2-butene	10.835	75	13887m	3.659	ug/l		
47) Methyl methacrylate	6.967	69	24432	3.115	ug/l		96
48) Ethyl methacrylate	8.337	69	21943	1.436	ug/l		99
49) Toluene	7.973	92	64564	1.718	ug/l		98
50) t-1,3-Dichloropropene	8.214	75	30967	1.631	ug/l		100
51) cis-1,3-Dichloropropene	7.610	75	35571	1.609	ug/l		97
52) 1,1,2-Trichloroethane	8.404	97	22382	1.953	ug/l		96
53) 1,3-Dichloropropane	8.578	76	36357	1.734	ug/l		99
54) 2-Hexanone	8.694	43	55860	6.966	ug/l		97
55) Dibromochloromethane	8.812	129	26261	2.136	ug/l		100
56) 1,2-Dibromoethane	8.925	107	21545	1.991	ug/l		99
58) Tetrachloroethene	8.555	164	27973	2.032	ug/l		97
59) Chlorobenzene	9.449	112	75385	1.906	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.536	131	27134	2.036	ug/l		97
61) Pentachloroethane	11.430	117	22597	2.296	ug/l		96
62) Hexachloroethane	12.475	117	20149	1.990	ug/l		98
63) Ethyl Benzene	9.571	91	111683	1.602	ug/l		100
64) m/p-Xylenes	9.697	106	89850	3.364	ug/l		99
65) o-Xylene	10.102	106	42866	1.650	ug/l		99
66) Styrene	10.115	104	72500	1.693	ug/l		98
67) Bromoform	10.292	173	16239	2.417	ug/l		98
69) Isopropylbenzene	10.484	105	111434	1.632	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.783	83	28340	1.921	ug/l		100
71) 1,2,3-Trichloropropane	10.828	75	21682m	1.771	ug/l		
72) Bromobenzene	10.783	156	35040	2.218	ug/l		99
73) n-propylbenzene	10.906	120	32037	1.764	ug/l		99
74) 2-Chlorotoluene	10.986	126	30909	1.952	ug/l		99
75) 1,3,5-Trimethylbenzene	11.089	105	94576	1.657	ug/l		99
76) 4-Chlorotoluene	11.099	126	33419	2.047	ug/l		98
77) tert-Butylbenzene	11.423	119	96592	1.731	ug/l		100
78) 1,2,4-Trimethylbenzene	11.468	105	98153	1.684	ug/l		99
79) sec-Butylbenzene	11.645	105	125518	1.643	ug/l		100
80) Nitrobenzene	13.214	77	4972	11.327	ug/l	#	92
81) p-Isopropyltoluene	11.796	119	103083	1.669	ug/l		98
82) 1,3-Dichlorobenzene	11.748	146	71001	2.249	ug/l		98
83) 1,4-Dichlorobenzene	11.838	146	71937	2.296	ug/l		98
84) n-Butylbenzene	12.211	91	97569	1.672	ug/l		98
85) 1,2-Dichlorobenzene	12.214	146	66376	2.210	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4559	1.881	ug/l		92
87) 1,2,4-Trichlorobenzene	13.841	180	44440	2.314	ug/l		98
88) Hexachlorobutadiene	14.021	225	27469	2.871	ug/l		99
89) Naphthalene	14.089	128	65418	1.815	ug/l		99
90) 1,2,3-Trichlorobenzene	14.333	180	40824	2.291	ug/l		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047825.D
Acq On : 06 Apr 2022 11:46
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Quant Time: Apr 07 05:52:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration