

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025630.D
 Acq On : 25 Jul 2018 11:26
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Jul 25 12:02:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 11:50:38 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	36738	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	14419	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15709	1.35	ug/l	0.00
Spiked Amount 1.000			Recovery	=	135.00%	

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Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	130870	10.971	ug/l 100
3) Chloromethane	1.33	50	124186	8.985	ug/l 99
4) Vinyl Chloride	1.41	62	115994	8.749	ug/l 100
5) Bromomethane	1.63	94	53475	7.544	ug/l 100
6) Chloroethane	1.70	64	67453	9.139	ug/l 99
7) Trichlorofluoromethane	1.89	101	168533	11.074	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91892	9.828	ug/l 98
9) 1,1-Dichloroethene	2.29	96	80035	9.220	ug/l 93
10) Iodomethane	2.41	142	74501	7.217	ug/l 94
11) Allyl Chloride	2.59	41	138610	8.687	ug/l 89
12) Acrylonitrile	2.94	53	34046	19.005	ug/l 96
13) Acetone	2.32	43	73980	48.657	ug/l 96
14) Carbon Disulfide	2.48	76	274420	9.609	ug/l 100
15) Methylene Chloride	2.70	84	91374	9.241	ug/l 94
16) trans-1,2-Dichloroethene	2.98	96	90026	9.679	ug/l 92
17) 1,1-Dichloroethane	3.45	63	184332	10.062	ug/l 98
18) 2-Butanone	4.28	43	139331	56.711	ug/l 97
19) Cyclohexane	4.99	56	145591	9.198	ug/l 88
20) Methylcyclohexane	6.42	83	177799	11.010	ug/l 94
21) 2,2-Dichloropropane	4.23	77	166076	11.432	ug/l 98
22) cis-1,2-Dichloroethene	4.23	96	113919	11.319	ug/l 93
23) Diethyl Ether	2.10	59	62112	8.752	ug/l 96
24) tert-Butyl Alcohol	2.84	59	66439	124.149	ug/l # 81
25) Methyl tert-Butyl Ether	3.01	73	216065	9.904	ug/l 97
26) Bromochloromethane	4.55	128	49502	12.447	ug/l 84
27) Chloroform	4.68	83	196214	11.373	ug/l 99
28) 1,1,1-Trichloroethane	4.92	97	178902	12.641	ug/l 98
29) 1,1-Dichloropropene	5.14	75	151888	10.938	ug/l 98
30) Carbon Tetrachloride	5.14	117	167151	14.038	ug/l 99
31) Isopropyl Ether	3.58	45	290982	9.410	ug/l 94
32) Ethyl-t-butyl ether	4.09	59	276616	10.468	ug/l 94
33) Tert-Amyl methyl ether	5.59	73	247071	11.047	ug/l 98
34) Propionitrile	4.34	54	37332	53.366	ug/l # 93
35) Benzene	5.39	78	417739	10.121	ug/l 99
36) 1,2-Dichloroethane	5.41	62	128445	11.003	ug/l 98
37) Trichloroethene	6.19	130	119330	10.770	ug/l 99
38) 1,2-Dichloropropane	6.44	63	108637	9.597	ug/l 98
39) Methacrylonitrile	4.55	41	35376	9.890	ug/l 93
40) Methyl acrylate	4.43	55	52976	10.678	ug/l # 97
41) Tetrahydrofuran	4.66	42	36395	19.747	ug/l 94
42) 1-Chlorobutane	5.07	56	205679	10.219	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	57397	11.789	ug/l	98
44) Bromodichloromethane	6.76	83	144538	11.814	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	323164	56.161	ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	48037m	28.235	ug/l	
47) Methyl methacrylate	6.63	69	98551	22.340	ug/l	95
48) Ethyl methacrylate	8.02	69	99989	12.964	ug/l	99
49) Toluene	7.64	92	262522	11.011	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	131663	12.608	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	159050	11.701	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	76297	11.013	ug/l	98
53) 1,3-Dichloropropane	8.25	76	131029	10.640	ug/l	100
54) 2-Hexanone	8.37	43	230360	58.769	ug/l	99
55) Dibromochloromethane	8.48	129	98029	12.914	ug/l	96
56) 1,2-Dibromoethane	8.59	107	74480	12.478	ug/l	99
58) Tetrachloroethene	8.23	164	112116	11.098	ug/l	98
59) Chlorobenzene	9.12	112	296281	11.610	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	110287	12.724	ug/l	97
61) Pentachloroethane	11.10	117	87384	14.204	ug/l	96
62) Hexachloroethane	12.15	117	89776	15.204	ug/l	97
63) Ethyl Benzene	9.25	91	508812	11.995	ug/l	98
64) m/p-Xylenes	9.38	106	407370	24.903	ug/l	97
65) o-Xylene	9.78	106	192125	12.196	ug/l	99
66) Styrene	9.80	104	330641	12.728	ug/l	100
67) Bromoform	9.96	173	56807	14.329	ug/l	97
69) Isopropylbenzene	10.17	105	518151	12.770	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	96371	12.342	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	76072m	13.613	ug/l	
72) Bromobenzene	10.45	156	130484	12.916	ug/l	96
73) n-propylbenzene	10.59	120	150711	13.436	ug/l	92
74) 2-Chlorotoluene	10.66	126	130517	13.160	ug/l	89
75) 1,3,5-Trimethylbenzene	10.78	105	465104	13.605	ug/l	100
76) 4-Chlorotoluene	10.78	126	137442	13.377	ug/l	95
77) tert-Butylbenzene	11.10	119	449211	14.026	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	475513	13.777	ug/l	100
79) sec-Butylbenzene	11.33	105	597592	13.325	ug/l	97
80) Nitrobenzene	12.87	77	16782	61.882	ug/l	99
81) p-Isopropyltoluene	11.48	119	519206	14.088	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	270134	13.398	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	271758	13.496	ug/l	99
84) n-Butylbenzene	11.89	91	484822	13.475	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	249533	13.708	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16768	15.217	ug/l	90
87) 1,2,4-Trichlorobenzene	13.51	180	183842	13.963	ug/l	100
88) Hexachlorobutadiene	13.70	225	106767	13.373	ug/l	98
89) Naphthalene	13.75	128	305872	15.426	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	165466	13.388	ug/l	99

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

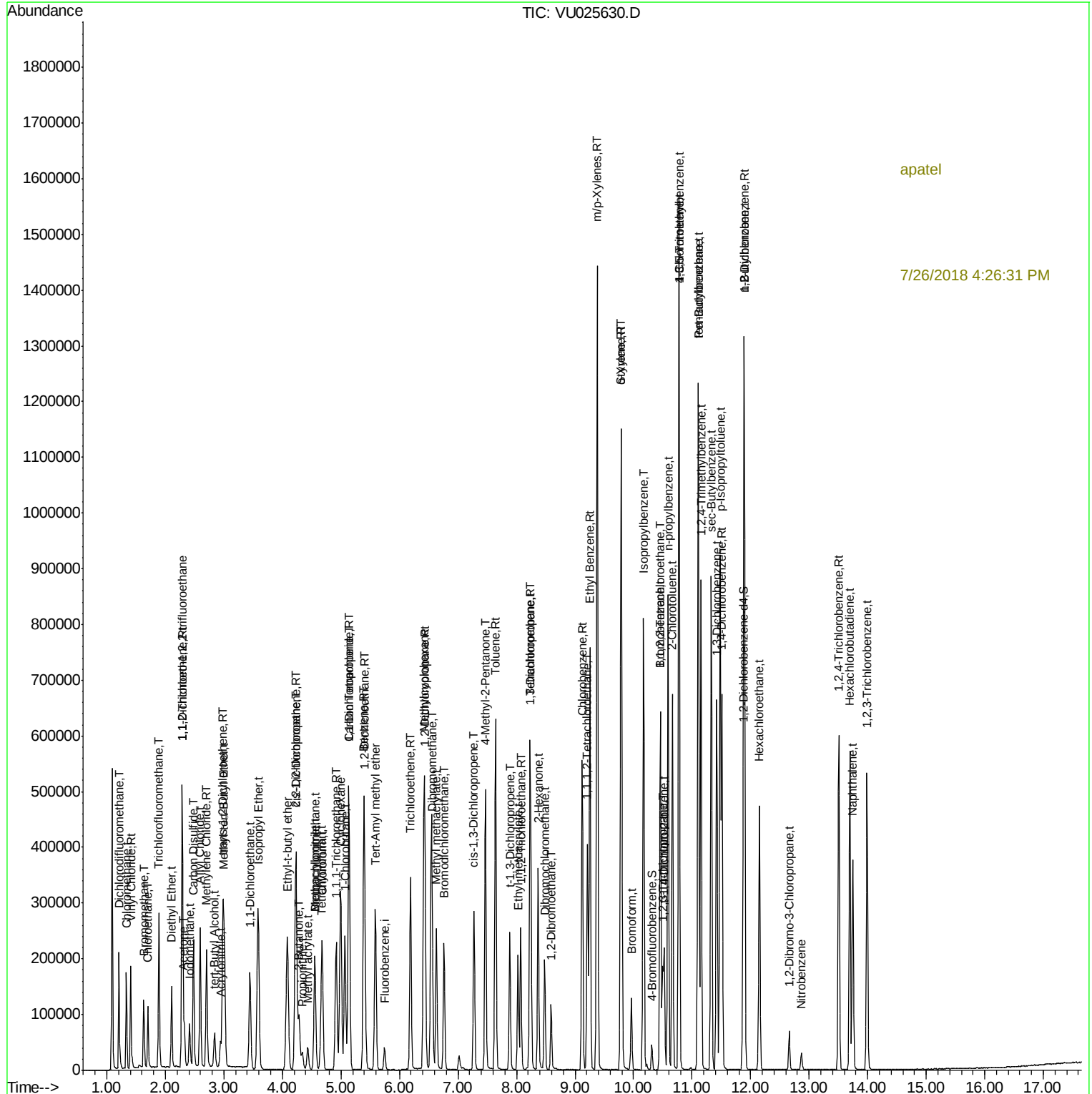
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