

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042275.D
 Acq On : 05 Feb 2021 11:22
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

Quant Time: Feb 06 07:02:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	189630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	179756	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	103841	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	145859	75.17	ug/L	0.00
7) Chloroethane-d5	1.913	69	91501	59.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	319546	97.09	ug/L	0.00
21) 2-Butanone-d5	4.642	46	313513	202.49	ug/L	0.00
24) Chloroform-d	5.073	84	302125	97.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	208718	104.96	ug/L	0.00
32) Benzene-d6	5.736	84	541224	91.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	179389	92.74	ug/L	0.00
41) Toluene-d8	7.906	98	519207	100.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	99741	103.78	ug/L	0.00
47) 2-Hexanone-d5	8.652	63	214015	205.87	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.768	84	283658	100.12	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	222567	103.63	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	164330	92.71	ug/L	99
3) Chloromethane	1.520	50	147691	74.34	ug/L	99
5) Vinyl chloride	1.607	62	148847	73.19	ug/L	99
6) Bromomethane	1.861	94	81093	66.17	ug/L	99
8) Chloroethane	1.935	64	72221	58.20	ug/L	100
9) Trichlorofluoromethane	2.134	101	233517	88.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	141074	96.18	ug/L	99
12) 1,1-Dichloroethene	2.581	96	128242	91.45	ug/L	94
13) Acetone	2.649	43	295910	221.09	ug/L	99
14) Carbon disulfide	2.797	76	381344	85.41	ug/L	100
15) Methyl Acetate	2.958	43	212923	103.61	ug/L	100
16) Methylene chloride	3.051	84	143332	88.83	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	131904	89.49	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	478358	98.63	ug/L	100
19) 1,1-Dichloroethane	3.877	63	272961	93.22	ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	148751	93.28	ug/L	100
22) 2-Butanone	4.723	43	373436	215.32	ug/L	99
23) Bromochloromethane	4.983	128	78823	101.95	ug/L	97
25) Chloroform	5.099	83	278729	95.42	ug/L	100
27) 1,2-Dichloroethane	5.803	62	241576	104.94	ug/L	100
29) Cyclohexane	5.395	56	250237	97.30	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	254676	97.49	ug/L	99
31) Carbon tetrachloride	5.533	117	223038	102.82	ug/L	99
33) Benzene	5.784	78	563146	89.79	ug/L	100
34) Trichloroethene	6.552	95	149670	94.58	ug/L	100
35) Methylcyclohexane	6.771	83	236470	101.73	ug/L	99
37) 1,2-Dichloropropane	6.800	63	158408	93.27	ug/L	100
38) Bromodichloromethane	7.115	83	215362	100.95	ug/L	99
39) cis-1,3-Dichloropropene	7.617	75	256870	102.63	ug/L	99
40) 4-Methyl-2-pentanone	7.809	43	648936	238.11	ug/L	99
42) Toluene	7.980	91	612283	99.79	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	255776	106.70	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.411	97	146187	98.44	ug/L	99
46) Tetrachloroethene	8.562	164	122387	117.55	ug/L	99
48) 2-Hexanone	8.703	43	534672	237.50	ug/L	100
49) Dibromochloromethane	8.819	129	178070	109.36	ug/L	99
50) 1,2-Dibromoethane	8.935	107	167177	104.98	ug/L	100
51) Chlorobenzene	9.456	112	394527	102.74	ug/L	100
52) Ethylbenzene	9.578	91	702738	105.37	ug/L	99
53) m,p-Xylene	9.703	106	261114	107.59	ug/L	99
54) o-xylene	10.108	106	262135	111.66	ug/L	100
55) Styrene	10.124	104	464040	112.79	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.796	83	279053	100.60	ug/L	100
59) Bromoform	10.305	173	157585	115.53	ug/L	99
60) 1,2,3-Trichloropropane	10.835	75	233209	88.92	ug/L	99
61) Isopropylbenzene	10.494	105	710951	100.07	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	632453	104.67	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	636132	105.65	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	338899	102.70	ug/L	99
65) 1,4-Dichlorobenzene	11.848	146	339177	102.79	ug/L	99
67) 1,2-Dichlorobenzene	12.224	146	340184	100.92	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.009	75	76993	92.38	ug/L	96
69) 1,3,5-Trichlorobenzene	13.230	180	264659	115.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	224392	125.41	ug/L	99
71) Naphthalene	14.095	128	730757	122.63	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	225388	124.03	ug/L	100

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

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