

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042273.D
 Acq On : 05 Feb 2021 10:22
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010303

Quant Time: Feb 06 07:01:05 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	6.259	114	185971	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	168385	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	85624	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	14176	7.45	ug/L	0.00
7) Chloroethane-d5	1.916	69	10488	7.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	29452	9.12	ug/L	0.00
21) 2-Butanone-d5	4.639	46	28422	18.72	ug/L	0.00
24) Chloroform-d	5.073	84	27932	9.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	19675	10.09	ug/L	0.00
32) Benzene-d6	5.739	84	49918	9.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	16827	9.29	ug/L	0.00
41) Toluene-d8	7.906	98	46694	9.61	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	8277	9.19	ug/L	0.00
47) 2-Hexanone-d5	8.645	63	17824	18.30	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	23945	9.02	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	18199	10.28	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	15391	8.85	ug/L	99
3) Chloromethane	1.523	50	14749	7.57	ug/L	98
5) Vinyl chloride	1.607	62	13833	6.94	ug/L	100
6) Bromomethane	1.861	94	8025	6.68	ug/L	97
8) Chloroethane	1.938	64	8476	6.97	ug/L	97
9) Trichlorofluoromethane	2.144	101	21847	8.47	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	13052	9.07	ug/L	98
12) 1,1-Dichloroethene	2.588	96	11252	8.18	ug/L	83
13) Acetone	2.645	43	23634	18.01	ug/L	100
14) Carbon disulfide	2.800	76	35181	8.03	ug/L	97
15) Methyl Acetate	2.961	43	20411	10.13	ug/L	97
16) Methylene chloride	3.054	84	13544	8.56	ug/L	98
17) trans-1,2-Dichloroethene	3.362	96	12027	8.32	ug/L	97
18) Methyl tert-butyl Ether	3.375	73	43651	9.18	ug/L	98
19) 1,1-Dichloroethane	3.880	63	25632	8.93	ug/L	99
20) cis-1,2-Dichloroethene	4.678	96	13665	8.74	ug/L	93
22) 2-Butanone	4.723	43	31600	18.58	ug/L	98
23) Bromochloromethane	4.986	128	7529	9.93	ug/L	92
25) Chloroform	5.099	83	25820	9.01	ug/L	98
27) 1,2-Dichloroethane	5.803	62	22912	10.15	ug/L	97
29) Cyclohexane	5.398	56	22472	9.33	ug/L	98
30) 1,1,1-Trichloroethane	5.327	97	23111	9.44	ug/L	98
31) Carbon tetrachloride	5.533	117	19481	9.59	ug/L	99
33) Benzene	5.784	78	52230	8.89	ug/L	100
34) Trichloroethene	6.549	95	13262	8.95	ug/L	97
35) Methylcyclohexane	6.771	83	20781	9.54	ug/L	97
37) 1,2-Dichloropropane	6.800	63	14389	9.04	ug/L	# 94
38) Bromodichloromethane	7.115	83	19194	9.61	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	21903	9.34	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	55900	21.90	ug/L	100
42) Toluene	7.976	91	54748	9.53	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	20877	9.30	ug/L	100

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45) 1,1,2-Trichloroethane	8.407	97	13415	9.64	ug/L	96
46) Tetrachloroethene	8.558	164	10238	10.50	ug/L	99
48) 2-Hexanone	8.697	43	42007	19.92	ug/L	96
49) Dibromochloromethane	8.819	129	14835	9.73	ug/L	98
50) 1,2-Dibromoethane	8.931	107	14584	9.78	ug/L	99
51) Chlorobenzene	9.455	112	34304	9.54	ug/L	99
52) Ethylbenzene	9.578	91	59534	9.53	ug/L	99
53) m,p-Xylene	9.703	106	22322	9.82	ug/L	93
54) o-xylene	10.108	106	22078	10.04	ug/L	100
55) Styrene	10.121	104	36028	9.35	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	22870	8.80	ug/L	99
59) Bromoform	10.298	173	11392	10.13	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	19935	9.22	ug/L	99
61) Isopropylbenzene	10.491	105	58878	10.05	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	49104	9.86	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	48803	9.83	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	26741	9.83	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	27207	10.00	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	28015	10.08	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6426	9.35	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.227	180	19843	10.50	ug/L	98
70) 1,2,4-trichlorobenzene	13.851	180	15548	10.54	ug/L	97
71) Naphthalene	14.095	128	46693	9.50	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	16098	10.74	ug/L	97

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

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