

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046021.D
 Acq On : 29 Nov 2021 14:19
 Operator : SY/MD
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200035

Quant Time: Nov 30 01:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199491	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	198314	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	112516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	326535	201.592	ug/L	0.00
7) Chloroethane-d5	1.919	69	243317	187.614	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	575106	199.835	ug/L	0.00
21) 2-Butanone-d5	4.645	46	524351	391.346	ug/L	0.00
24) Chloroform-d	5.066	84	553655	193.076	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	350420	184.639	ug/L	0.00
32) Benzene-d6	5.732	84	1126348	186.612	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	346196	179.574	ug/L	0.00
41) Toluene-d8	7.902	98	1043046	196.184	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	185036	203.352	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	405992	403.153	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	563355	195.435	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	430068	192.364	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	420129	228.300	ug/L	99
3) Chloromethane	1.523	50	359079	171.957	ug/L	99
5) Vinyl chloride	1.607	62	382777	193.340	ug/L	100
6) Bromomethane	1.864	94	225991	217.114	ug/L	97
8) Chloroethane	1.938	64	215969	182.073	ug/L	99
9) Trichlorofluoromethane	2.144	101	488889	203.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	279178	193.126	ug/L	99
12) 1,1-Dichloroethene	2.584	96	269860	198.485	ug/L	94
13) Acetone	2.668	43	551851	451.867	ug/L	97
14) Carbon disulfide	2.796	76	835616	211.266	ug/L	100
15) Methyl Acetate	2.960	43	355471	190.079	ug/L	98
16) Methylene chloride	3.050	84	302237	182.056	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	288708	198.074	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	938137	188.589	ug/L	100
19) 1,1-Dichloroethane	3.874	63	509553	179.353	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	316360	192.521	ug/L	99
22) 2-Butanone	4.726	43	638862	405.389	ug/L	97
23) Bromochloromethane	4.980	128	156537	195.987	ug/L	95
25) Chloroform	5.092	83	540133	186.450	ug/L	100
27) 1,2-Dichloroethane	5.800	62	420164	180.400	ug/L	99
29) Cyclohexane	5.394	56	480350	174.964	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	483146	194.291	ug/L	99
31) Carbon tetrachloride	5.529	117	418631	208.568	ug/L	98
33) Benzene	5.780	78	1184439	177.277	ug/L	100
34) Trichloroethene	6.545	95	309910	189.932	ug/L	97
35) Methylcyclohexane	6.767	83	520903	185.596	ug/L	100
37) 1,2-Dichloropropane	6.796	63	301037	170.010	ug/L	100
38) Bromodichloromethane	7.108	83	418884	186.459	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	525899	194.551	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	965228	369.521	ug/L	98
42) Toluene	7.973	91	1297226	185.201	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	516769	200.182	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	306348	184.813	ug/L	99
46) Tetrachloroethene	8.558	164	232306	198.935	ug/L	98
48) 2-Hexanone	8.697	43	843780	381.931	ug/L	97
49) Dibromochloromethane	8.816	129	345384	211.788	ug/L	97
50) 1,2-Dibromoethane	8.928	107	344867	196.248	ug/L	99
51) Chlorobenzene	9.452	112	820044	192.142	ug/L	99
52) Ethylbenzene	9.574	91	1461174	195.356	ug/L	99
53) m,p-Xylene	9.697	106	567311	198.124	ug/L	100
54) o-xylene	10.105	106	550688	195.163	ug/L	99
55) Styrene	10.118	104	974580	204.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.786	83	564445	194.197	ug/L	99
59) Bromoform	10.295	173	277640	215.691	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	465980	173.942	ug/L	99
61) Isopropylbenzene	10.487	105	1476168	181.406	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1331166	192.657	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	1337101	191.230	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	690119	190.339	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	700989	190.430	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	684085	183.752	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	142179	184.013	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	533450	198.976	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	489374	200.790	ug/L	99
71) Naphthalene	14.089	128	1747462	190.664	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	476284	190.833	ug/L	99

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

