

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045326.D
 Acq On : 19 Oct 2021 12:47
 Operator : SY/MD
 Sample : VSTD01020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

Quant Time: Oct 20 02:47:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	299912	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	294175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	144825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	13401	4.611	ug/L	0.00
7) Chloroethane-d5	1.916	69	12290	5.265	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	26242	5.318	ug/L	0.00
21) 2-Butanone-d5	4.629	46	37360	15.058	ug/L	0.00
24) Chloroform-d	5.070	84	34264	7.054	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	23842	7.234	ug/L	0.00
32) Benzene-d6	5.732	84	54210	5.858	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	21265	6.880	ug/L	0.00
41) Toluene-d8	7.902	98	46298	5.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	10250	7.320	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	24939	14.216	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40065	8.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	25064	8.289	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	23326	8.523	ug/L	99
3) Chloromethane	1.523	50	25840	7.671	ug/L	100
5) Vinyl chloride	1.607	62	28655	8.536	ug/L	92
6) Bromomethane	1.858	94	14731	8.905	ug/L	99
8) Chloroethane	1.938	64	18941	8.985	ug/L	95
9) Trichlorofluoromethane	2.141	101	34468	8.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22437	9.160	ug/L	99
12) 1,1-Dichloroethene	2.584	96	19931	8.905	ug/L	95
13) Acetone	2.633	43	50744	17.978	ug/L	97
14) Carbon disulfide	2.797	76	54553	7.764	ug/L	98
15) Methyl Acetate	2.954	43	29333	8.326	ug/L	97
16) Methylene chloride	3.051	84	26615	9.320	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	20959	8.873	ug/L	94
18) Methyl tert-butyl Ether	3.372	73	72672	9.196	ug/L	99
19) 1,1-Dichloroethane	3.877	63	44337	9.012	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	24189	9.200	ug/L	98
22) 2-Butanone	4.710	43	51548	16.191	ug/L	98
23) Bromochloromethane	4.983	128	12328	9.257	ug/L	95
25) Chloroform	5.096	83	45142	9.161	ug/L	98
27) 1,2-Dichloroethane	5.800	62	35459	8.696	ug/L	98
29) Cyclohexane	5.395	56	34525	8.241	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	34769	8.867	ug/L	98
31) Carbon tetrachloride	5.530	117	27159	8.775	ug/L	99
33) Benzene	5.780	78	93309	8.890	ug/L	100
34) Trichloroethene	6.546	95	22849	9.002	ug/L	98
35) Methylcyclohexane	6.767	83	34826	8.354	ug/L	99
37) 1,2-Dichloropropane	6.796	63	25917	9.051	ug/L	99
38) Bromodichloromethane	7.108	83	33022	9.356	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	35895	8.693	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	75735	16.030	ug/L	97
42) Toluene	7.973	91	96610	9.046	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	34078	8.670	ug/L	98

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45) 1,1,2-Trichloroethane	8.404	97	25178	9.596	ug/L	99
46) Tetrachloroethene	8.555	164	15802	8.766	ug/L	96
48) 2-Hexanone	8.690	43	63147	15.173	ug/L	98
49) Dibromochloromethane	8.816	129	22909	8.847	ug/L	94
50) 1,2-Dibromoethane	8.928	107	24910	9.100	ug/L	97
51) Chlorobenzene	9.449	112	61526	9.229	ug/L	99
52) Ethylbenzene	9.574	91	101976	8.962	ug/L	99
53) m,p-Xylene	9.697	106	38280	8.876	ug/L	97
54) o-xylene	10.105	106	38624	9.098	ug/L	99
55) Styrene	10.118	104	63792	8.742	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	43060	8.615	ug/L	96
59) Bromoform	10.295	173	15935	9.127	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	35287	9.113	ug/L	99
61) Isopropylbenzene	10.488	105	100624	9.745	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	77348	8.959	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	78488	8.899	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	45469	9.467	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	46820	9.518	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	47512	9.686	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	9140	8.311	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	30059	9.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	24055	8.759	ug/L	97
71) Naphthalene	14.092	128	72497	7.695	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	24256	8.678	ug/L	98

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

