

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053982.D
 Acq On : 29 Apr 2023 13:16
 Operator : JC/MD
 Sample : VSTD01018
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010018

Quant Time: May 01 01:51:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 01:49:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	276203	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	256994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	133970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19836	9.323	ug/L	0.00
7) Chloroethane-d5	1.912	69	12755	7.966	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	35213	10.401	ug/L	0.00
21) 2-Butanone-d5	4.636	46	22483	22.127	ug/L	0.00
24) Chloroform-d	5.060	84	36109	10.034	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	23525	10.903	ug/L	0.00
32) Benzene-d6	5.722	84	71021	10.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	23009	10.575	ug/L	0.00
41) Toluene-d8	7.893	98	62405	9.035	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	10482	9.345	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	15150	20.167	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	30345	10.079	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	24796	8.919	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20373	9.346	ug/L	96
3) Chloromethane	1.520	50	19030	10.436	ug/L	99
5) Vinyl chloride	1.604	62	19984	9.555	ug/L	92
6) Bromomethane	1.858	94	10964	7.532	ug/L	99
8) Chloroethane	1.932	64	10674	8.610	ug/L	96
9) Trichlorofluoromethane	2.134	101	32510	10.118	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	19121	10.177	ug/L	99
12) 1,1-Dichloroethene	2.578	96	16314	9.749	ug/L	95
13) Acetone	2.642	43	24823	26.463	ug/L	97
14) Carbon disulfide	2.790	76	35066	8.203	ug/L	100
15) Methyl Acetate	2.951	43	19257	13.494	ug/L	95
16) Methylene chloride	3.044	84	22376	11.680	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	17104	10.185	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	60431	11.746	ug/L	99
19) 1,1-Dichloroethane	3.864	63	36425	12.386	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	19857	10.098	ug/L	97
22) 2-Butanone	4.713	43	27309	24.277	ug/L	99
23) Bromochloromethane	4.970	128	10371	9.594	ug/L	99
25) Chloroform	5.083	83	37950	11.448	ug/L	100
27) 1,2-Dichloroethane	5.790	62	28855	11.711	ug/L	98
29) Cyclohexane	5.382	56	26868	10.750	ug/L	96
30) 1,1,1-Trichloroethane	5.311	97	31996	11.066	ug/L	97
31) Carbon tetrachloride	5.520	117	27190	10.568	ug/L	98
33) Benzene	5.771	78	75748	11.062	ug/L	100
34) Trichloroethene	6.539	95	20519	10.161	ug/L	96
35) Methylcyclohexane	6.758	83	27078	9.218	ug/L	98
37) 1,2-Dichloropropane	6.787	63	22308	12.560	ug/L	99
38) Bromodichloromethane	7.102	83	26321	11.238	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	31859	11.028	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	48787	24.719	ug/L	99
42) Toluene	7.967	91	75994	9.957	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	31057	11.427	ug/L	99

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45) 1,1,2-Trichloroethane	8.398	97	20520	10.826	ug/L	98
46) Tetrachloroethene	8.549	164	16036	9.713	ug/L	96
48) 2-Hexanone	8.684	43	39661	24.855	ug/L	98
49) Dibromochloromethane	8.806	129	19209	9.863	ug/L	99
50) 1,2-Dibromoethane	8.918	107	20831	9.983	ug/L	99
51) Chlorobenzene	9.443	112	53188	10.192	ug/L	98
52) Ethylbenzene	9.565	91	86822	10.221	ug/L	100
53) m,p-Xylene	9.690	106	31985	9.691	ug/L	99
54) o-Xylene	10.095	106	31566	9.696	ug/L	99
55) Styrene	10.111	104	52431	9.759	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	33897	11.953	ug/L	97
59) Bromoform	10.285	173	14614	10.482	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	26456	12.977	ug/L	97
61) Isopropylbenzene	10.481	105	84712	10.547	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	66715	10.018	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	65466	9.918	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	41552	10.030	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	44036	10.403	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	42769	10.329	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	6177	11.320	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	30220	9.887	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	26103	9.220	ug/L	99
71) Naphthalene	14.082	128	72388	8.576	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	26125	9.231	ug/L	99

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

