

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053983.D
 Acq On : 29 Apr 2023 13:40
 Operator : JC/MD
 Sample : VSTD05019
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050019

Quant Time: May 01 01:52:28 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	281880	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	258280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	139416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104417	48.088	ug/L	0.00
7) Chloroethane-d5	1.912	69	69000	42.226	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	185418	53.665	ug/L	0.00
21) 2-Butanone-d5	4.626	46	123405	119.003	ug/L	0.00
24) Chloroform-d	5.057	84	192695	52.469	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	123344	56.016	ug/L	0.00
32) Benzene-d6	5.722	84	377151	53.271	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	119400	54.604	ug/L	0.00
41) Toluene-d8	7.893	98	349143	50.296	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	60524	53.688	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	88056	116.632	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	156721	51.795	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	135799	46.938	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	99084	44.539	ug/L	100
3) Chloromethane	1.520	50	91572	49.208	ug/L	100
5) Vinyl chloride	1.604	62	98642	46.215	ug/L	100
6) Bromomethane	1.858	94	54311	36.558	ug/L	100
8) Chloroethane	1.932	64	52212	41.266	ug/L	100
9) Trichlorofluoromethane	2.134	101	152736	46.578	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	93026	48.515	ug/L	100
12) 1,1-Dichloroethene	2.578	96	80939	47.395	ug/L	100
13) Acetone	2.639	43	118166	123.435	ug/L	100
14) Carbon disulfide	2.790	76	177154	40.607	ug/L	100
15) Methyl Acetate	2.948	43	93797	64.403	ug/L	100
16) Methylene chloride	3.044	84	97122	49.677	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	81908	47.790	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	302083	57.536	ug/L	100
19) 1,1-Dichloroethane	3.864	63	176668	58.864	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	100895	50.275	ug/L	100
22) 2-Butanone	4.703	43	142337	123.987	ug/L	100
23) Bromochloromethane	4.970	128	53271	48.289	ug/L	100
25) Chloroform	5.083	83	188724	55.783	ug/L	100
27) 1,2-Dichloroethane	5.787	62	143495	57.067	ug/L	100
29) Cyclohexane	5.385	56	130923	52.123	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	160084	55.091	ug/L	100
31) Carbon tetrachloride	5.520	117	137610	53.217	ug/L	100
33) Benzene	5.767	78	380135	55.236	ug/L	100
34) Trichloroethene	6.536	95	99769	49.160	ug/L	100
35) Methylcyclohexane	6.758	83	140184	47.484	ug/L	100
37) 1,2-Dichloropropane	6.783	63	105785	59.262	ug/L	100
38) Bromodichloromethane	7.099	83	133797	56.839	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	170353	58.673	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	252178	127.133	ug/L	100
42) Toluene	7.963	91	398242	51.919	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	158000	57.842	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	103097	54.120	ug/L	100
46) Tetrachloroethene	8.549	164	77233	46.547	ug/L	100
48) 2-Hexanone	8.681	43	200036	124.735	ug/L	100
49) Dibromochloromethane	8.803	129	102098	52.161	ug/L	100
50) 1,2-Dibromoethane	8.918	107	106542	50.804	ug/L	100
51) Chlorobenzene	9.443	112	258016	49.196	ug/L	100
52) Ethylbenzene	9.565	91	439882	51.529	ug/L	100
53) m,p-Xylene	9.690	106	166603	50.229	ug/L	100
54) o-Xylene	10.095	106	163952	50.110	ug/L	100
55) Styrene	10.108	104	287160	53.183	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	161628	56.712	ug/L	100
59) Bromoform	10.285	173	77659	53.523	ug/L	100
60) 1,2,3-Trichloropropane	10.815	75	126785	59.761	ug/L	100
61) Isopropylbenzene	10.478	105	444816	53.216	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	367313	53.001	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	363713	52.951	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	212841	49.371	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	213939	48.566	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	215855	50.094	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	34141	60.121	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	154568	48.593	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	140387	47.648	ug/L	100
71) Naphthalene	14.082	128	423053	48.164	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	142139	48.262	ug/L	100

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

