

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053984.D
 Acq On : 29 Apr 2023 14:04
 Operator : JC/MD
 Sample : VSTD10020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100020

Quant Time: May 01 01:52:57 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	6.244	114	280951	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	264318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	143575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	223674	103.351	ug/L	0.00
7) Chloroethane-d5	1.913	69	144620	88.796	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	390152	113.295	ug/L	0.00
21) 2-Butanone-d5	4.620	46	267267	258.586	ug/L	0.00
24) Chloroform-d	5.057	84	406850	111.148	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	258144	117.622	ug/L	0.00
32) Benzene-d6	5.723	84	806991	111.380	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	254913	113.914	ug/L	0.00
41) Toluene-d8	7.893	98	736340	103.651	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	130563	113.171	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	192624	249.306	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	332521	107.385	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	290260	97.420	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	200588	90.463	ug/L	100
3) Chloromethane	1.520	50	180449	97.288	ug/L	97
5) Vinyl chloride	1.604	62	197430	92.805	ug/L	97
6) Bromomethane	1.858	94	107780	72.789	ug/L	98
8) Chloroethane	1.932	64	104692	83.018	ug/L	99
9) Trichlorofluoromethane	2.134	101	303576	92.885	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	186023	97.336	ug/L	99
12) 1,1-Dichloroethene	2.578	96	161688	94.992	ug/L	96
13) Acetone	2.636	43	222571	233.265	ug/L	97
14) Carbon disulfide	2.790	76	371554	85.449	ug/L	98
15) Methyl Acetate	2.948	43	188700	129.993	ug/L	98
16) Methylene chloride	3.044	84	191544	98.297	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	165038	96.612	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	618321	118.157	ug/L	99
19) 1,1-Dichloroethane	3.864	63	355538	118.854	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	206448	103.212	ug/L	98
22) 2-Butanone	4.700	43	286918	250.755	ug/L	97
23) Bromochloromethane	4.967	128	105312	95.778	ug/L	98
25) Chloroform	5.083	83	374264	110.991	ug/L	99
27) 1,2-Dichloroethane	5.787	62	284583	113.552	ug/L	98
29) Cyclohexane	5.382	56	275095	107.019	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	324167	109.011	ug/L	100
31) Carbon tetrachloride	5.520	117	281625	106.422	ug/L	98
33) Benzene	5.768	78	757835	107.602	ug/L	100
34) Trichloroethene	6.536	95	201402	96.972	ug/L	99
35) Methylcyclohexane	6.758	83	287598	95.193	ug/L	98
37) 1,2-Dichloropropane	6.784	63	209892	114.898	ug/L	99
38) Bromodichloromethane	7.099	83	273273	113.440	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	337999	113.754	ug/L	97
40) 4-Methyl-2-pentanone	7.784	43	518584	255.467	ug/L	100
42) Toluene	7.964	91	796520	101.470	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	328214	117.411	ug/L	99

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45) 1,1,2-Trichloroethane	8.391	97	205982	105.659	ug/L	97
46) Tetrachloroethene	8.549	164	153946	90.662	ug/L	98
48) 2-Hexanone	8.678	43	417545	254.418	ug/L	99
49) Dibromochloromethane	8.803	129	210841	105.256	ug/L	98
50) 1,2-Dibromoethane	8.915	107	212569	99.047	ug/L	99
51) Chlorobenzene	9.443	112	524011	97.631	ug/L	99
52) Ethylbenzene	9.565	91	905454	103.644	ug/L	100
53) m,p-Xylene	9.687	106	342150	100.797	ug/L	96
54) o-Xylene	10.095	106	335795	100.287	ug/L	98
55) Styrene	10.108	104	588263	106.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	321197	110.127	ug/L	100
59) Bromoform	10.285	173	165161	110.533	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	255346	116.873	ug/L	99
61) Isopropylbenzene	10.478	105	916375	106.456	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	768630	107.695	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	762600	107.807	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	431646	97.225	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	440914	97.192	ug/L	99
67) 1,2-Dichlorobenzene	12.205	146	437592	98.612	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	71976	123.076	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	326369	99.631	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	308107	101.543	ug/L	99
71) Naphthalene	14.079	128	940052	103.923	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	310844	102.486	ug/L	98

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

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