

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029892.D
 Acq On : 18 Jan 2023 11:35
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

Quant Time: Jan 19 00:26:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:23:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	448259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	436919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	268400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	337521	117.608	ug/L	0.00
7) Chloroethane-d5	1.558	69	285582	128.506	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	592670	130.419	ug/L	0.00
21) 2-Butanone-d5	3.864	46	434105	251.098	ug/L	0.00
24) Chloroform-d	4.336	84	633317	118.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	355851	117.176	ug/L	0.00
32) Benzene-d6	5.040	84	1323255	112.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.060	67	401609	112.141	ug/L	0.00
41) Toluene-d8	7.307	98	1223447	111.114	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.609	79	189892	107.193	ug/L	0.00
47) 2-Hexanone-d5	8.079	63	385432	250.081	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	589804	113.611	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	527423	103.648	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	326465	95.453	ug/L	99
3) Chloromethane	1.240	50	324625	84.514	ug/L	100
5) Vinyl chloride	1.307	62	383523	111.970	ug/L	99
6) Bromomethane	1.510	94	175672	130.866	ug/L	97
8) Chloroethane	1.577	64	248157	127.219	ug/L	99
9) Trichlorofluoromethane	1.748	101	518763	119.843	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	316697	129.091	ug/L	99
12) 1,1-Dichloroethene	2.114	96	307402	123.973	ug/L	96
13) Acetone	2.153	43	421195	327.297	ug/L	98
14) Carbon disulfide	2.288	76	806159	103.375	ug/L	100
15) Methyl Acetate	2.420	43	311422	122.644	ug/L	99
16) Methylene chloride	2.500	84	362314	118.889	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	331879	118.841	ug/L	99
18) Methyl tert-butyl Ether	2.761	73	1072203	124.382	ug/L	100
19) 1,1-Dichloroethane	3.182	63	591185	121.660	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	377449	121.930	ug/L	98
22) 2-Butanone	3.944	43	500946	272.329	ug/L	96
23) Bromochloromethane	4.233	128	196001	122.425	ug/L	100
25) Chloroform	4.362	83	619153	122.970	ug/L	98
27) 1,2-Dichloroethane	5.117	62	428929	120.703	ug/L	99
29) Cyclohexane	4.667	56	510782	109.430	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	535759	112.068	ug/L	99
31) Carbon tetrachloride	4.818	117	455117	109.835	ug/L	98
33) Benzene	5.089	78	1414523	113.914	ug/L	100
34) Trichloroethene	5.905	95	349613	113.191	ug/L	96
35) Methylcyclohexane	6.124	83	590873	113.081	ug/L	99
37) 1,2-Dichloropropane	6.162	63	360533	119.142	ug/L	100
38) Bromodichloromethane	6.500	83	468904	113.482	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	542108	112.433	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	868201	242.332	ug/L	99
42) Toluene	7.378	91	1528038	114.584	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	517601	113.215	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.828	97	366269	117.465	ug/L	99
46) Tetrachloroethene	7.966	164	283004	113.631	ug/L	99
48) 2-Hexanone	8.130	43	712790	255.572	ug/L	99
49) Dibromochloromethane	8.236	129	383382	112.833	ug/L	100
50) 1,2-Dibromoethane	8.342	107	370664	115.915	ug/L	100
51) Chlorobenzene	8.870	112	998550	117.380	ug/L	100
52) Ethylbenzene	9.002	91	1656994	118.257	ug/L	100
53) m,p-Xylene	9.127	106	660294	118.932	ug/L	97
54) o-Xylene	9.532	106	646617	118.042	ug/L	100
55) Styrene	9.548	104	1170133	121.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	586474	116.877	ug/L	99
59) Bromoform	9.719	173	284059	99.643	ug/L	99
60) Isopropylbenzene	9.921	105	1676292	108.439	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	433695	105.549	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	1476640	108.059	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	1489461	110.000	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	845656	110.297	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	855912	109.703	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	854477	109.185	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	126485	101.003	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	664957	109.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	605343	112.587	ug/L	100
71) Naphthalene	13.487	128	1791504	140.624	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	595378	112.973	ug/L	99

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

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