

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032922.D
 Acq On : 13 Nov 2023 10:44
 Operator : SY/MD
 Sample : VSTD05001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050201

Quant Time: Nov 13 22:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 22:47:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	428740	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	434412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	247787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	181020	49.921	ug/L	0.00
7) Chloroethane-d5	1.532	69	151511	50.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	77525	49.070	ug/L	0.00
21) 2-Butanone-d5	3.783	46	157103	106.683	ug/L	0.00
24) Chloroform-d	4.249	84	323144	51.584	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	196479	51.546	ug/L	0.00
32) Benzene-d6	4.960	84	615172	51.921	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	182033	52.856	ug/L	0.00
41) Toluene-d8	7.243	98	582487	53.324	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	95764	52.378	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	133523	107.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	259289	51.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	242539	50.374	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	184473	49.759	ug/L	100
3) Chloromethane	1.217	50	179099	48.892	ug/L	100
5) Vinyl chloride	1.285	62	181874	49.343	ug/L	100
6) Bromomethane	1.487	94	118191	48.373	ug/L	100
8) Chloroethane	1.548	64	114975	49.396	ug/L	100
9) Trichlorofluoromethane	1.715	101	291695	49.843	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	165962	48.953	ug/L	100
12) 1,1-Dichloroethene	2.072	96	149818	49.403	ug/L	100
13) Acetone	2.108	43	207512	100.005	ug/L	100
14) Carbon disulfide	2.243	76	428502	49.618	ug/L	100
15) Methyl Acetate	2.371	43	126383	51.803	ug/L	100
16) Methylene chloride	2.449	84	157348	48.634	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	150442	50.111	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	441886	50.154	ug/L	100
19) 1,1-Dichloroethane	3.111	63	266492	49.687	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	161866	50.066	ug/L	100
22) 2-Butanone	3.863	43	192587	104.530	ug/L	100
23) Bromochloromethane	4.146	128	88961	49.188	ug/L	100
25) Chloroform	4.278	83	292566	49.434	ug/L	100
27) 1,2-Dichloroethane	5.040	62	227146	50.880	ug/L	100
29) Cyclohexane	4.584	56	216674	51.901	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	264714	49.723	ug/L	100
31) Carbon tetrachloride	4.738	117	239849	50.381	ug/L	100
33) Benzene	5.011	78	608006	51.532	ug/L	100
34) Trichloroethene	5.834	95	161608	50.399	ug/L	100
35) Methylcyclohexane	6.053	83	248920	51.510	ug/L	100
37) 1,2-Dichloropropane	6.092	63	149995	50.906	ug/L	100
38) Bromodichloromethane	6.432	83	218737	49.765	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	257880	52.624	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	334116	106.333	ug/L	100
42) Toluene	7.317	91	667630	51.855	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	245371	51.549	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	165031	50.472	ug/L	100
46) Tetrachloroethene	7.905	164	136885	49.625	ug/L	100
48) 2-Hexanone	8.075	43	284709	109.592	ug/L	100
49) Dibromochloromethane	8.175	129	176371	50.071	ug/L	100
50) 1,2-Dibromoethane	8.281	107	175019	50.289	ug/L	100
51) Chlorobenzene	8.815	112	443383	49.713	ug/L	100
52) Ethylbenzene	8.947	91	742922	52.105	ug/L	100
53) m,p-Xylene	9.072	106	288518	52.626	ug/L	100
54) o-Xylene	9.477	106	278439	52.672	ug/L	100
55) Styrene	9.497	104	498703	53.484	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	251944	50.085	ug/L	100
59) Bromoform	9.664	173	132429	50.238	ug/L	100
60) Isopropylbenzene	9.866	105	756831	51.596	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	183665	50.637	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	588973	52.931	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	624330	53.661	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	383823	50.171	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	396376	48.309	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	383686	49.873	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	49444	48.778	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	280674	48.900	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	256053	49.662	ug/L	100
71) Naphthalene	13.438	128	726800	53.641	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	261106	50.319	ug/L	100

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

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