

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033077.D
 Acq On : 01 Dec 2023 14:11
 Operator : SY/MD
 Sample : VSTD20015
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200215

Quant Time: Dec 04 03:56:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 03:53:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	346255	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	353877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	230432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	429930	207.705	ug/L	0.00
7) Chloroethane-d5	1.523	69	291644	202.216	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	155224	197.124	ug/L	0.00
21) 2-Butanone-d5	3.773	46	437964	436.726	ug/L	0.00
24) Chloroform-d	4.246	84	887350	202.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	558493	204.494	ug/L	0.00
32) Benzene-d6	4.957	84	1650756	199.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	450202	202.309	ug/L	0.00
41) Toluene-d8	7.243	98	1632909	206.823	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	297354	211.313	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	411162	469.171	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	701981	221.908	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	849708	207.250	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	747318	197.453	ug/L	100
3) Chloromethane	1.214	50	495757	198.601	ug/L	99
5) Vinyl chloride	1.282	62	481772	201.239	ug/L	99
6) Bromomethane	1.471	94	332750	213.006	ug/L	97
8) Chloroethane	1.539	64	246873	193.691	ug/L	99
9) Trichlorofluoromethane	1.709	101	771522	195.302	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	368407	198.595	ug/L	99
12) 1,1-Dichloroethene	2.066	96	346340	199.512	ug/L	93
13) Acetone	2.105	43	351228	357.859	ug/L	98
14) Carbon disulfide	2.240	76	1214237	194.960	ug/L	100
15) Methyl Acetate	2.365	43	330822	202.237	ug/L	99
16) Methylene chloride	2.442	84	438279	190.666	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	451446	198.069	ug/L	100
18) Methyl tert-butyl Ether	2.700	73	1409821	203.617	ug/L	99
19) 1,1-Dichloroethane	3.108	63	736604	195.263	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	496786	205.417	ug/L	98
22) 2-Butanone	3.854	43	496078	412.507	ug/L	94
23) Bromochloromethane	4.143	128	267699	193.791	ug/L	99
25) Chloroform	4.272	83	850038	195.928	ug/L	95
27) 1,2-Dichloroethane	5.037	62	681213	198.700	ug/L	99
29) Cyclohexane	4.580	56	655375	200.509	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	835162	190.963	ug/L	99
31) Carbon tetrachloride	4.735	117	794266	195.319	ug/L	99
33) Benzene	5.008	78	1743508	194.425	ug/L	100
34) Trichloroethene	5.831	95	505017	188.504	ug/L	99
35) Methylcyclohexane	6.050	83	785558	202.034	ug/L	100
37) 1,2-Dichloropropane	6.092	63	405202	195.243	ug/L	100
38) Bromodichloromethane	6.429	83	654555	195.634	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	805142	213.798	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	929100	421.637	ug/L	99
42) Toluene	7.314	91	2013812	199.285	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	793300	208.324	ug/L	99

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45) 1,1,2-Trichloroethane	7.767	97	466845	194.006	ug/L	99
46) Tetrachloroethene	7.905	164	455868	197.943	ug/L	97
48) 2-Hexanone	8.072	43	760068	431.143	ug/L	99
49) Dibromochloromethane	8.175	129	574502	199.993	ug/L	100
50) 1,2-Dibromoethane	8.281	107	519662	202.558	ug/L	98
51) Chlorobenzene	8.812	112	1392770	195.996	ug/L	98
52) Ethylbenzene	8.947	91	2400472	206.377	ug/L	99
53) m,p-Xylene	9.072	106	955479	207.431	ug/L	95
54) o-Xylene	9.477	106	941252	207.081	ug/L	99
55) Styrene	9.497	104	1657075	210.742	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	715780	217.715	ug/L	99
59) Bromoform	9.664	173	498160	199.189	ug/L	99
60) Isopropylbenzene	9.866	105	2627763	197.775	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	552133	192.157	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	2211467	206.586	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	2334773	209.426	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	1386281	195.298	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	1422524	192.924	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	1376205	197.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	187968	213.199	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	1154179	202.994	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	1057360	201.286	ug/L	99
71) Naphthalene	13.439	128	2598557	202.842	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	971573	191.678	ug/L	98

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

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