

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031859.D
 Acq On : 23 Aug 2023 10:45
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100264

Quant Time: Aug 24 01:29:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	271257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	145330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	175852	88.437	ug/L	0.00
7) Chloroethane-d5	1.526	69	155985	112.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	81818	114.829	ug/L	0.00
21) 2-Butanone-d5	3.783	46	288303	233.146	ug/L	0.00
24) Chloroform-d	4.249	84	392683	87.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	261975	94.582	ug/L	0.00
32) Benzene-d6	4.960	84	768770	90.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	248615	89.751	ug/L	0.00
41) Toluene-d8	7.246	98	709778	89.819	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	135135	108.936	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	161671	252.077	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	325917	93.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	276777	93.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	165935	75.562	ug/L	98
3) Chloromethane	1.214	50	172312	95.731	ug/L	99
5) Vinyl chloride	1.281	62	185270	97.206	ug/L	99
6) Bromomethane	1.478	94	115168	102.934	ug/L	99
8) Chloroethane	1.545	64	124993	117.948	ug/L	98
9) Trichlorofluoromethane	1.712	101	274042	96.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	164245	106.909	ug/L	100
12) 1,1-Dichloroethene	2.069	96	147919	113.015	ug/L	90
13) Acetone	2.111	43	220940	257.044	ug/L	100
14) Carbon disulfide	2.240	76	351460	101.808	ug/L	100
15) Methyl Acetate	2.371	43	220029	107.498	ug/L	98
16) Methylene chloride	2.445	84	185133	85.553	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	162125	94.492	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	689696	110.693	ug/L	100
19) 1,1-Dichloroethane	3.111	63	363226	98.627	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	203848	98.797	ug/L	99
22) 2-Butanone	3.863	43	328281	219.314	ug/L	98
23) Bromochloromethane	4.149	128	98597	91.863	ug/L	98
25) Chloroform	4.278	83	374662	90.581	ug/L	99
27) 1,2-Dichloroethane	5.040	62	298832	96.179	ug/L	100
29) Cyclohexane	4.584	56	288293	105.511	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	324831	81.690	ug/L	100
31) Carbon tetrachloride	4.738	117	268041	74.359	ug/L	98
33) Benzene	5.011	78	746078	93.565	ug/L	100
34) Trichloroethene	5.834	95	225574	85.532	ug/L	98
35) Methylcyclohexane	6.053	83	306598	96.775	ug/L	99
37) 1,2-Dichloropropane	6.095	63	210711	90.624	ug/L	100
38) Bromodichloromethane	6.432	83	301315	90.484	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	380426	112.418	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	680847	240.868	ug/L	99
42) Toluene	7.317	91	822624	98.678	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	362799	112.333	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	211746	95.641	ug/L	99
46) Tetrachloroethene	7.908	164	139167	83.704	ug/L	96
48) 2-Hexanone	8.075	43	517241	241.727	ug/L	99
49) Dibromochloromethane	8.178	129	224559	85.693	ug/L	99
50) 1,2-Dibromoethane	8.284	107	223503	89.016	ug/L	100
51) Chlorobenzene	8.815	112	541592	94.217	ug/L	99
52) Ethylbenzene	8.950	91	972544	103.135	ug/L	100
53) m,p-Xylene	9.075	106	360949	110.034	ug/L	98
54) o-Xylene	9.480	106	358535	119.085	ug/L	98
55) Styrene	9.500	104	642240	119.047	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	302556	98.983	ug/L	99
59) Bromoform	9.667	173	163264	96.643	ug/L	99
60) Isopropylbenzene	9.870	105	995709	120.731	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	280156	100.643	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	842515	127.024	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	851309	126.493	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	445398	100.396	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	450822	97.159	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	442514	98.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	88397	105.926	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	327533	88.865	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	320423	89.586	ug/L	99
71) Naphthalene	13.442	128	1058142	100.319	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	312374	83.740	ug/L	99

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

