

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031391.D
 Acq On : 07 Jun 2023 11:37
 Operator : SY/MD
 Sample : VSTD10030
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100230

Quant Time: Jun 08 04:00:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 03:57:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	301401	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	300344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	179762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	262863	99.125	ug/L	0.00
7) Chloroethane-d5	1.529	69	215184	100.228	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	125020	99.474	ug/L	0.00
21) 2-Butanone-d5	3.793	46	405968	213.691	ug/L	0.00
24) Chloroform-d	4.256	84	505307	100.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	343540	101.521	ug/L	0.00
32) Benzene-d6	4.966	84	933671	105.293	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	316590	102.715	ug/L	0.00
41) Toluene-d8	7.249	98	870439	106.858	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	165561	106.636	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	278480	240.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	404646	104.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	328778	98.594	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	114099	94.400	ug/L	97
3) Chloromethane	1.217	50	92573	94.380	ug/L	97
5) Vinyl chloride	1.285	62	112402	96.050	ug/L	100
6) Bromomethane	1.487	94	67541	96.027	ug/L	96
8) Chloroethane	1.548	64	92264	97.855	ug/L	98
9) Trichlorofluoromethane	1.712	101	269645	95.461	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	174382	95.464	ug/L	98
12) 1,1-Dichloroethene	2.073	96	113697	94.558	ug/L	99
13) Acetone	2.121	43	301708	175.980	ug/L	98
14) Carbon disulfide	2.243	76	90443	87.935	ug/L	98
15) Methyl Acetate	2.375	43	257928	99.628	ug/L	99
16) Methylene chloride	2.449	84	168506	92.839	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	112687	98.847	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	726952	103.741	ug/L	99
19) 1,1-Dichloroethane	3.114	63	384893	97.604	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	187834	101.344	ug/L	97
22) 2-Butanone	3.873	43	423248	202.519	ug/L	98
23) Bromochloromethane	4.153	128	95009	97.479	ug/L	98
25) Chloroform	4.281	83	429291	97.625	ug/L	98
27) 1,2-Dichloroethane	5.047	62	327833	102.100	ug/L	99
29) Cyclohexane	4.590	56	169965	105.662	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	349902	98.696	ug/L	99
31) Carbon tetrachloride	4.741	117	285967	97.101	ug/L	99
33) Benzene	5.015	78	682356	102.965	ug/L	100
34) Trichloroethene	5.838	95	203145	97.297	ug/L	99
35) Methylcyclohexane	6.056	83	183657	102.849	ug/L	96
37) 1,2-Dichloropropane	6.098	63	246677	103.413	ug/L	100
38) Bromodichloromethane	6.439	83	348721	99.884	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	388868	109.117	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	837459	216.124	ug/L	100
42) Toluene	7.320	91	781907	105.410	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	394915	109.253	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031391.D
 Acq On : 07 Jun 2023 11:37
 Operator : SY/MD
 Sample : VSTD10030
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100230

Quant Time: Jun 08 04:00:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 03:57:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	247309	100.304	ug/L	99
46) Tetrachloroethene	7.912	164	134291	99.076	ug/L	97
48) 2-Hexanone	8.082	43	655394	216.083	ug/L	99
49) Dibromochloromethane	8.182	129	275262	102.344	ug/L	95
50) 1,2-Dibromoethane	8.288	107	240112	101.157	ug/L	98
51) Chlorobenzene	8.818	112	565394	100.245	ug/L	99
52) Ethylbenzene	8.950	91	1001830	108.522	ug/L	100
53) m,p-Xylene	9.079	106	361749	108.739	ug/L	97
54) o-Xylene	9.484	106	368805	109.894	ug/L	98
55) Styrene	9.500	104	682265	111.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	396646	104.946	ug/L	98
59) Bromoform	9.670	173	222096	96.423	ug/L	99
60) Isopropylbenzene	9.873	105	1086335	105.757	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	341480	93.838	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	926858	109.256	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	929284	109.437	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	514933	97.937	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	530275	95.351	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	527368	97.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	99717	103.382	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	401299	99.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	359115	103.990	ug/L	99
71) Naphthalene	13.445	128	997469	105.383	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	355119	102.593	ug/L	99

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

