

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031390.D
 Acq On : 07 Jun 2023 11:15
 Operator : SY/MD
 Sample : VSTD05029
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050229

Quant Time: Jun 08 03:59:39 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	279875	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	281003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	168472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123307	50.075	ug/L	0.00
7) Chloroethane-d5	1.532	69	102651	51.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	59680	51.138	ug/L	0.00
21) 2-Butanone-d5	3.796	46	186677	105.819	ug/L	0.00
24) Chloroform-d	4.256	84	240999	51.452	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	162762	51.798	ug/L	0.00
32) Benzene-d6	4.966	84	432107	52.084	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	147396	51.113	ug/L	0.00
41) Toluene-d8	7.249	98	408865	53.649	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	74614	51.366	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	117074	108.107	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	189395	52.042	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	153917	49.250	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	56221	50.092	ug/L	100
3) Chloromethane	1.217	50	44024	48.336	ug/L	100
5) Vinyl chloride	1.282	62	54624	50.268	ug/L	100
6) Bromomethane	1.491	94	30872	47.268	ug/L	100
8) Chloroethane	1.548	64	42951	49.058	ug/L	100
9) Trichlorofluoromethane	1.716	101	130780	49.860	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	84646	49.903	ug/L	100
12) 1,1-Dichloroethene	2.073	96	54980	49.242	ug/L	100
13) Acetone	2.127	43	159660	100.289	ug/L	100
14) Carbon disulfide	2.243	76	42413	44.409	ug/L	100
15) Methyl Acetate	2.378	43	122465	50.942	ug/L	100
16) Methylene chloride	2.449	84	81251	48.209	ug/L	100
17) trans-1,2-Dichloroethene	2.700	96	53405	50.449	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	326655	50.201	ug/L	100
19) 1,1-Dichloroethane	3.114	63	184247	50.317	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	85219	49.515	ug/L	100
22) 2-Butanone	3.880	43	200193	103.157	ug/L	100
23) Bromochloromethane	4.153	128	46231	51.081	ug/L	100
25) Chloroform	4.281	83	204275	50.027	ug/L	100
27) 1,2-Dichloroethane	5.047	62	153778	51.576	ug/L	100
29) Cyclohexane	4.590	56	74958	49.806	ug/L	100
30) 1,1,1-Trichloroethane	4.519	97	165736	49.967	ug/L	100
31) Carbon tetrachloride	4.741	117	137009	49.724	ug/L	100
33) Benzene	5.015	78	320277	51.655	ug/L	100
34) Trichloroethene	5.838	95	95514	48.896	ug/L	100
35) Methylcyclohexane	6.056	83	82198	49.200	ug/L	100
37) 1,2-Dichloropropane	6.098	63	112038	50.202	ug/L	100
38) Bromodichloromethane	6.436	83	163653	50.102	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	163771	49.118	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	385775	106.410	ug/L	100
42) Toluene	7.320	91	362510	52.234	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	176073	52.063	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	118880	51.534	ug/L	100
46) Tetrachloroethene	7.912	164	63232	49.862	ug/L	100
48) 2-Hexanone	8.082	43	311694	109.839	ug/L	100
49) Dibromochloromethane	8.182	129	128530	51.077	ug/L	100
50) 1,2-Dibromoethane	8.288	107	112760	50.774	ug/L	100
51) Chlorobenzene	8.818	112	264265	50.079	ug/L	100
52) Ethylbenzene	8.950	91	446402	51.684	ug/L	100
53) m,p-Xylene	9.079	106	162423	52.183	ug/L	100
54) o-Xylene	9.484	106	161796	51.529	ug/L	100
55) Styrene	9.500	104	317113	55.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	181671	51.376	ug/L	100
59) Bromoform	9.670	173	104073	48.211	ug/L	100
60) Isopropylbenzene	9.873	105	479416	49.800	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	167533	49.123	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	409366	51.489	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	413429	51.950	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	241887	49.088	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	251167	48.190	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	247528	49.002	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	45324	50.139	ug/L	100
69) 1,3,5-Trichlorobenzene	12.587	180	182429	48.087	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	156917	48.484	ug/L	100
71) Naphthalene	13.445	128	403676	45.507	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	156339	48.192	ug/L	100

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

