

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072523\
 Data File : VW031738.D
 Acq On : 25 Jul 2023 10:50
 Operator : SY/MD
 Sample : VSTD20051
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200251

Quant Time: Jul 26 02:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:05:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	414878	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	434625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	278698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	755511	197.112	ug/L	0.00
7) Chloroethane-d5	1.520	69	698082	249.736	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.057	65	346809	203.941	ug/L	0.00
21) 2-Butanone-d5	3.783	46	1321517	524.355	ug/L	0.00
24) Chloroform-d	4.249	84	1624639	212.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	1009313	209.093	ug/L	0.00
32) Benzene-d6	4.963	84	2810757	213.432	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	999293	231.730	ug/L	0.00
41) Toluene-d8	7.246	98	2491385	214.654	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	499097	235.782	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	1053653	620.048	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	1490176	231.159	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	1132076	220.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	933638	184.596	ug/L	100
3) Chloromethane	1.214	50	864145	163.831	ug/L	98
5) Vinyl chloride	1.282	62	913943	183.655	ug/L	99
6) Bromomethane	1.471	94	546382	187.922	ug/L	100
8) Chloroethane	1.539	64	595062	215.529	ug/L	98
9) Trichlorofluoromethane	1.709	101	1537744	213.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	878663	211.498	ug/L	96
12) 1,1-Dichloroethene	2.066	96	750260	209.606	ug/L	96
13) Acetone	2.111	43	1023018	497.825	ug/L	97
14) Carbon disulfide	2.237	76	1881150	165.822	ug/L	100
15) Methyl Acetate	2.372	43	976591	217.023	ug/L	97
16) Methylene chloride	2.446	84	827248	194.714	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	734040	203.358	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	2672117	238.386	ug/L	99
19) 1,1-Dichloroethane	3.111	63	1561548	206.299	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	875064	231.890	ug/L	95
22) 2-Butanone	3.864	43	1453171	504.249	ug/L	98
23) Bromochloromethane	4.146	128	435085	214.645	ug/L	93
25) Chloroform	4.278	83	1660617	213.616	ug/L	100
27) 1,2-Dichloroethane	5.044	62	1252330	215.954	ug/L	100
29) Cyclohexane	4.587	56	1301963	233.967	ug/L	100
30) 1,1,1-Trichloroethane	4.516	97	1436899	209.972	ug/L	98
31) Carbon tetrachloride	4.738	117	1251922	208.591	ug/L	98
33) Benzene	5.011	78	3240924	217.696	ug/L	100
34) Trichloroethene	5.835	95	937407	220.887	ug/L	98
35) Methylcyclohexane	6.056	83	1306168	236.224	ug/L	96
37) 1,2-Dichloropropane	6.095	63	925050	220.376	ug/L	98
38) Bromodichloromethane	6.436	83	1266095	223.484	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	1571920	250.274	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	2779598	524.613	ug/L	99
42) Toluene	7.320	91	3498256	229.269	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	1513100	241.449	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	910048	219.022	ug/L	97
46) Tetrachloroethene	7.908	164	619117	198.639	ug/L	97
48) 2-Hexanone	8.079	43	2214053	499.703	ug/L	99
49) Dibromochloromethane	8.182	129	995425	218.403	ug/L	97
50) 1,2-Dibromoethane	8.285	107	988675	217.788	ug/L	100
51) Chlorobenzene	8.818	112	2207089	218.129	ug/L	99
52) Ethylbenzene	8.950	91	4068715	245.627	ug/L	98
53) m,p-Xylene	9.079	106	1472751	243.170	ug/L	97
54) o-Xylene	9.484	106	1453583	257.311	ug/L	99
55) Styrene	9.500	104	2664590	256.135	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	1428832	227.474	ug/L	97
59) Bromoform	9.667	173	804369	228.795	ug/L	99
60) Isopropylbenzene	9.873	105	4126115	244.068	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	1252172	213.045	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	3533744	257.557	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	3556047	259.777	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	1935936	220.761	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	1982454	208.632	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	1973981	218.705	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	398542	226.893	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	1489112	229.427	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	1417568	246.171	ug/L	99
71) Naphthalene	13.442	128	4522472	266.448	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	1427398	233.783	ug/L	99

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

