

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031673.D
 Acq On : 11 Jul 2023 11:43
 Operator : SY/MD
 Sample : VSTD10042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100242

Quant Time: Jul 12 07:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	327193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	329112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	207707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	307483	133.445	ug/L	0.00
7) Chloroethane-d5	1.529	69	216748	109.207	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	140358	120.214	ug/L	0.00
21) 2-Butanone-d5	3.789	46	375531	212.167	ug/L	0.00
24) Chloroform-d	4.256	84	560905	100.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	362454	105.509	ug/L	0.00
32) Benzene-d6	4.966	84	1085448	116.194	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	340634	103.726	ug/L	0.00
41) Toluene-d8	7.249	98	1047888	121.709	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	182256	114.980	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	305878	242.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	533357	108.197	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	395273	100.671	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	421276	117.405	ug/L	99
3) Chloromethane	1.217	50	427085	125.717	ug/L	98
5) Vinyl chloride	1.285	62	411377	122.662	ug/L	99
6) Bromomethane	1.487	94	217644	101.105	ug/L	99
8) Chloroethane	1.548	64	219344	101.998	ug/L	99
9) Trichlorofluoromethane	1.712	101	570517	103.738	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	336258	112.485	ug/L	97
12) 1,1-Dichloroethene	2.072	96	298956	119.415	ug/L	92
13) Acetone	2.121	43	382030	218.477	ug/L	98
14) Carbon disulfide	2.243	76	937161	122.655	ug/L	99
15) Methyl Acetate	2.375	43	362147	121.799	ug/L	97
16) Methylene chloride	2.449	84	332794	107.478	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	299805	116.510	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	976373	116.038	ug/L	99
19) 1,1-Dichloroethane	3.117	63	578336	104.987	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	310342	112.738	ug/L	98
22) 2-Butanone	3.870	43	476978	215.491	ug/L	99
23) Bromochloromethane	4.153	128	163279	108.083	ug/L	97
25) Chloroform	4.281	83	584753	102.029	ug/L	99
27) 1,2-Dichloroethane	5.043	62	482823	109.918	ug/L	99
29) Cyclohexane	4.590	56	503443	118.027	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	533567	101.551	ug/L	100
31) Carbon tetrachloride	4.741	117	484663	104.150	ug/L	98
33) Benzene	5.014	78	1279519	116.757	ug/L	100
34) Trichloroethene	5.838	95	343116	115.717	ug/L	97
35) Methylcyclohexane	6.056	83	510177	118.960	ug/L	98
37) 1,2-Dichloropropane	6.098	63	366524	114.583	ug/L	98
38) Bromodichloromethane	6.436	83	484067	111.235	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	581701	123.080	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	994613	265.134	ug/L	99
42) Toluene	7.320	91	1398855	122.763	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	562899	121.941	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	343138	112.515	ug/L	98
46) Tetrachloroethene	7.911	164	259756	112.258	ug/L	98
48) 2-Hexanone	8.079	43	812542	267.223	ug/L	99
49) Dibromochloromethane	8.181	129	376433	110.783	ug/L	96
50) 1,2-Dibromoethane	8.288	107	375229	115.186	ug/L	99
51) Chlorobenzene	8.818	112	821302	109.055	ug/L	99
52) Ethylbenzene	8.950	91	1535573	121.907	ug/L	98
53) m,p-Xylene	9.079	106	572647	123.044	ug/L	96
54) o-Xylene	9.484	106	524480	119.795	ug/L	96
55) Styrene	9.500	104	977972	123.470	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	544369	110.807	ug/L	98
59) Bromoform	9.670	173	294598	113.440	ug/L #	96
60) Isopropylbenzene	9.873	105	1520589	116.263	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	456582	110.845	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	1264170	117.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	1272525	124.719	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	700582	105.589	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	736803	103.945	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	719894	107.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	138923	112.494	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	539159	106.685	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	485012	109.941	ug/L	100
71) Naphthalene	13.445	128	1530797	134.937	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	502349	109.643	ug/L	100

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

