

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030064.D
 Acq On : 17 Feb 2023 13:26
 Operator : SY/MD
 Sample : VSTD10011
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100211

Quant Time: Feb 20 00:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	455485	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	439421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	280059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	305842	94.443	ug/L	0.00
7) Chloroethane-d5	1.532	69	242984	98.059	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	620420	100.148	ug/L	0.00
21) 2-Butanone-d5	3.793	46	392885	196.815	ug/L	0.00
24) Chloroform-d	4.259	84	583715	96.973	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	339043	95.290	ug/L	0.00
32) Benzene-d6	4.970	84	1127870	96.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	354542	95.539	ug/L	0.00
41) Toluene-d8	7.252	98	1067355	96.909	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	187009	101.404	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	347226	200.705	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	553508	99.437	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	481100	96.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	480477	99.657	ug/L	100
3) Chloromethane	1.217	50	574070	92.794	ug/L	99
5) Vinyl chloride	1.285	62	421987	97.950	ug/L	100
6) Bromomethane	1.487	94	73626	94.017	ug/L	96
8) Chloroethane	1.548	64	244216	97.155	ug/L	98
9) Trichlorofluoromethane	1.716	101	567136	99.308	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	361809	103.514	ug/L	98
12) 1,1-Dichloroethene	2.073	96	326377	103.801	ug/L	90
13) Acetone	2.121	43	320293	206.491	ug/L	100
14) Carbon disulfide	2.246	76	951805	102.370	ug/L	99
15) Methyl Acetate	2.378	43	316505	98.132	ug/L	99
16) Methylene chloride	2.452	84	334811	97.264	ug/L	100
17) trans-1,2-Dichloroethene	2.700	96	322015	100.185	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	1049656	102.619	ug/L	100
19) 1,1-Dichloroethane	3.121	63	587030	99.091	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	364203	102.460	ug/L	99
22) 2-Butanone	3.873	43	444597	209.754	ug/L	97
23) Bromochloromethane	4.156	128	191192	100.883	ug/L	97
25) Chloroform	4.285	83	608030	100.676	ug/L	100
27) 1,2-Dichloroethane	5.050	62	450827	99.947	ug/L	99
29) Cyclohexane	4.593	56	526636	102.851	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	548622	100.505	ug/L	99
31) Carbon tetrachloride	4.745	117	487667	101.765	ug/L	99
33) Benzene	5.018	78	1292182	99.671	ug/L	100
34) Trichloroethene	5.841	95	356292	100.972	ug/L	97
35) Methylcyclohexane	6.060	83	593430	105.941	ug/L	98
37) 1,2-Dichloropropane	6.101	63	344015	100.758	ug/L	100
38) Bromodichloromethane	6.439	83	461321	100.596	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	601320	104.771	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	855845	201.631	ug/L	98
42) Toluene	7.323	91	1424550	100.416	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	552466	105.842	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.777	97	351783	99.273	ug/L	98
46) Tetrachloroethene	7.915	164	303522	102.318	ug/L	99
48) 2-Hexanone	8.082	43	653306	202.814	ug/L	99
49) Dibromochloromethane	8.185	129	377837	102.798	ug/L	99
50) 1,2-Dibromoethane	8.291	107	389573	100.210	ug/L	99
51) Chlorobenzene	8.822	112	950271	100.511	ug/L	100
52) Ethylbenzene	8.953	91	1615022	102.818	ug/L	100
53) m,p-Xylene	9.082	106	626044	104.319	ug/L	98
54) o-Xylene	9.487	106	604994	104.607	ug/L	98
55) Styrene	9.503	104	1047347	106.007	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	597295	103.111	ug/L	100
59) Bromoform	9.674	173	285746	103.031	ug/L	99
60) Isopropylbenzene	9.876	105	1674131	100.524	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	454521	98.091	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	1457623	105.676	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	1437446	106.031	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	854214	101.780	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	863252	100.523	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	838836	100.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	139005	102.824	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	694883	103.754	ug/L	100
70) 1,2,4-trichlorobenzene	13.210	180	660390	104.908	ug/L	100
71) Naphthalene	13.448	128	1944158	106.476	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	640700	103.708	ug/L	99

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

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