

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033076.D
 Acq On : 01 Dec 2023 13:47
 Operator : SY/MD
 Sample : VSTD10014
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100214

Quant Time: Dec 04 03:55:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 03:53:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332609	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	327318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207088	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	204330	102.764	ug/L	0.00
7) Chloroethane-d5	1.529	69	142038	102.525	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	76001	100.476	ug/L	0.00
21) 2-Butanone-d5	3.773	46	210366	218.378	ug/L	0.00
24) Chloroform-d	4.246	84	440808	104.466	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	275791	105.125	ug/L	0.00
32) Benzene-d6	4.957	84	813145	106.221	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	218101	105.961	ug/L	0.00
41) Toluene-d8	7.243	98	794094	108.740	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	141567	108.767	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	189339	233.583	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	318197	108.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	388028	105.311	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	352844	97.051	ug/L	99
3) Chloromethane	1.214	50	234243	97.688	ug/L	99
5) Vinyl chloride	1.285	62	223932	97.375	ug/L	98
6) Bromomethane	1.481	94	145959	97.267	ug/L	98
8) Chloroethane	1.545	64	117766	96.187	ug/L	99
9) Trichlorofluoromethane	1.712	101	371041	97.779	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	177092	99.380	ug/L	98
12) 1,1-Dichloroethene	2.069	96	167020	100.161	ug/L	97
13) Acetone	2.108	43	175258	185.893	ug/L	99
14) Carbon disulfide	2.240	76	583370	97.510	ug/L	99
15) Methyl Acetate	2.368	43	157201	100.042	ug/L	99
16) Methylene chloride	2.445	84	211674	95.863	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	215973	98.644	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	678802	102.060	ug/L	99
19) 1,1-Dichloroethane	3.111	63	354960	97.955	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	241114	103.789	ug/L	99
22) 2-Butanone	3.854	43	238927	206.828	ug/L	94
23) Bromochloromethane	4.146	128	129519	97.607	ug/L	99
25) Chloroform	4.272	83	415336	99.660	ug/L	97
27) 1,2-Dichloroethane	5.037	62	332152	100.859	ug/L	99
29) Cyclohexane	4.584	56	309836	102.485	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	406634	100.523	ug/L	99
31) Carbon tetrachloride	4.735	117	380431	101.143	ug/L	99
33) Benzene	5.008	78	844913	101.864	ug/L	100
34) Trichloroethene	5.831	95	244798	98.788	ug/L	98
35) Methylcyclohexane	6.050	83	374431	104.112	ug/L	100
37) 1,2-Dichloropropane	6.091	63	191391	99.703	ug/L	100
38) Bromodichloromethane	6.429	83	316939	102.413	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	367964	105.638	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	435633	213.737	ug/L	100
42) Toluene	7.313	91	967668	103.530	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	373437	106.023	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	223088	100.231	ug/L	99
46) Tetrachloroethene	7.905	164	216102	101.448	ug/L	97
48) 2-Hexanone	8.072	43	351995	215.868	ug/L	99
49) Dibromochloromethane	8.175	129	269793	101.540	ug/L	100
50) 1,2-Dibromoethane	8.281	107	243568	102.643	ug/L	100
51) Chlorobenzene	8.812	112	656443	99.873	ug/L	98
52) Ethylbenzene	8.947	91	1120895	104.187	ug/L	100
53) m,p-Xylene	9.072	106	442779	103.926	ug/L	98
54) o-Xylene	9.477	106	434861	103.435	ug/L	98
55) Styrene	9.493	104	772719	106.246	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	312003	102.600	ug/L	100
59) Bromoform	9.664	173	226566	100.804	ug/L	99
60) Isopropylbenzene	9.866	105	1215466	101.793	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	251372	97.346	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	1005290	104.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	1058466	105.645	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	636084	99.712	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	647227	97.672	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	625228	99.974	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	81372	102.698	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	520432	101.850	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	490254	103.849	ug/L	99
71) Naphthalene	13.438	128	1228433	106.700	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	473014	103.839	ug/L	99

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

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