

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032787.D
 Acq On : 31 Oct 2023 09:34
 Operator : SY/MD
 Sample : VSTD05075
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050275

Quant Time: Nov 01 05:12:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:10:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	344947	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	384718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	215583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	162357	69.042	ug/L	0.00
7) Chloroethane-d5	1.532	69	136588	68.092	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	64890	64.954	ug/L	0.00
21) 2-Butanone-d5	3.786	46	144659	80.894	ug/L	0.00
24) Chloroform-d	4.249	84	264065	57.556	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	166135	60.070	ug/L	0.00
32) Benzene-d6	4.960	84	511575	50.840	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	147296	45.299	ug/L	0.00
41) Toluene-d8	7.243	98	521827	55.547	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	79697	50.302	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	115013	84.360	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	227542	48.553	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	203731	51.851	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	141792	48.906	ug/L	100
3) Chloromethane	1.217	50	140541	45.370	ug/L	100
5) Vinyl chloride	1.285	62	147105	47.534	ug/L	100
6) Bromomethane	1.484	94	100948	56.334	ug/L	100
8) Chloroethane	1.548	64	100015	51.182	ug/L	100
9) Trichlorofluoromethane	1.715	101	228915	55.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	140496	56.327	ug/L	100
12) 1,1-Dichloroethene	2.069	96	119488	52.609	ug/L	100
13) Acetone	2.111	43	219434	115.889	ug/L	100
14) Carbon disulfide	2.243	76	299965	43.261	ug/L	100
15) Methyl Acetate	2.371	43	119266	39.873	ug/L	100
16) Methylene chloride	2.449	84	144335	50.885	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	118348	47.428	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	360043	44.474	ug/L	100
19) 1,1-Dichloroethane	3.114	63	220157	45.766	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	129031	46.570	ug/L	100
22) 2-Butanone	3.863	43	194153	83.816	ug/L	100
23) Bromochloromethane	4.149	128	71974	50.793	ug/L	100
25) Chloroform	4.278	83	252806	52.048	ug/L	100
27) 1,2-Dichloroethane	5.043	62	191358	52.443	ug/L	100
29) Cyclohexane	4.587	56	166134	33.464	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	215634	45.823	ug/L	100
31) Carbon tetrachloride	4.738	117	190205	46.590	ug/L	100
33) Benzene	5.011	78	506474	42.968	ug/L	100
34) Trichloroethene	5.834	95	133469	41.050	ug/L	100
35) Methylcyclohexane	6.053	83	219736	42.160	ug/L	100
37) 1,2-Dichloropropane	6.095	63	142260	43.317	ug/L	100
38) Bromodichloromethane	6.432	83	200349	48.071	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	200358	39.779	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	337490	73.007	ug/L	100
42) Toluene	7.316	91	596461	46.438	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	213165	45.055	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	151468	48.012	ug/L	100
46) Tetrachloroethene	7.905	164	120251	49.061	ug/L	100
48) 2-Hexanone	8.075	43	291166	79.049	ug/L	100
49) Dibromochloromethane	8.178	129	152734	48.520	ug/L	100
50) 1,2-Dibromoethane	8.284	107	154728	46.498	ug/L	100
51) Chlorobenzene	8.815	112	394837	47.329	ug/L	100
52) Ethylbenzene	8.947	91	645203	45.222	ug/L	100
53) m,p-Xylene	9.075	106	251290	46.806	ug/L	100
54) o-Xylene	9.480	106	239421	45.634	ug/L	100
55) Styrene	9.496	104	438932	48.398	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	220455	45.459	ug/L	100
59) Bromoform	9.667	173	113321	48.211	ug/L	100
60) Isopropylbenzene	9.869	105	654325	44.880	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	167691	42.102	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	522987	43.887	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	508189	43.450	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	329810	47.496	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	337353	47.899	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	331027	48.433	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	42977	39.360	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	232898	46.328	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	201615	43.418	ug/L	100
71) Naphthalene	13.442	128	545726	36.797	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	215455	46.177	ug/L	100

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

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