

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031515.D
 Acq On : 14 Jun 2023 14:40
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100236

Quant Time: Jun 15 00:18:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:16:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	255869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	248519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	153497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	162323	77.082	ug/L	0.00
7) Chloroethane-d5	1.535	69	144896	86.977	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	82537	82.866	ug/L	0.00
21) 2-Butanone-d5	3.796	46	284239	235.177	ug/L	0.00
24) Chloroform-d	4.259	84	409795	103.161	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	260813	98.861	ug/L	0.00
32) Benzene-d6	4.969	84	725080	105.950	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	247504	116.584	ug/L	0.00
41) Toluene-d8	7.249	98	680312	107.042	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	130084	122.909	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	228978	273.941	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	366645	114.959	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	292164	103.869	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.111	85	259586	139.085	ug/L	98
3) Chloromethane	1.217	50	243312	124.486	ug/L	98
5) Vinyl chloride	1.288	62	245250	136.701	ug/L	98
6) Bromomethane	1.490	94	161207	150.804	ug/L	98
8) Chloroethane	1.551	64	156798	135.219	ug/L	98
9) Trichlorofluoromethane	1.719	101	404957	119.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	220415	123.707	ug/L	97
12) 1,1-Dichloroethene	2.076	96	187226	122.485	ug/L	99
13) Acetone	2.124	43	237794	159.347	ug/L	97
14) Carbon disulfide	2.249	76	569267	176.665	ug/L	98
15) Methyl Acetate	2.378	43	228409	124.927	ug/L	100
16) Methylene chloride	2.455	84	221594	127.920	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	198343	136.365	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	693637	128.418	ug/L	99
19) 1,1-Dichloroethane	3.121	63	417833	128.709	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	223291	128.754	ug/L	99
22) 2-Butanone	3.876	43	335982	225.661	ug/L	100
23) Bromochloromethane	4.156	128	115961	122.426	ug/L	97
25) Chloroform	4.284	83	434709	121.709	ug/L	100
27) 1,2-Dichloroethane	5.047	62	337858	114.541	ug/L	98
29) Cyclohexane	4.593	56	362659	162.757	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	394358	121.871	ug/L	100
31) Carbon tetrachloride	4.744	117	354222	124.599	ug/L	99
33) Benzene	5.018	78	860464	133.658	ug/L	100
34) Trichloroethene	5.841	95	227238	131.679	ug/L	89
35) Methylcyclohexane	6.059	83	360223	152.372	ug/L	98
37) 1,2-Dichloropropane	6.101	63	247642	137.509	ug/L	100
38) Bromodichloromethane	6.439	83	332727	123.287	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	399750	144.210	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	629391	239.963	ug/L	99
42) Toluene	7.323	91	930659	134.162	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	388992	140.634	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	231845	122.220	ug/L	99
46) Tetrachloroethene	7.911	164	174792	120.265	ug/L	97
48) 2-Hexanone	8.082	43	500108	232.579	ug/L	99
49) Dibromochloromethane	8.181	129	261738	122.554	ug/L	99
50) 1,2-Dibromoethane	8.288	107	250499	129.924	ug/L	100
51) Chlorobenzene	8.818	112	576173	119.376	ug/L	99
52) Ethylbenzene	8.953	91	1058259	133.999	ug/L	100
53) m,p-Xylene	9.079	106	387925	128.064	ug/L	98
54) o-Xylene	9.484	106	375458	126.747	ug/L	99
55) Styrene	9.500	104	676992	128.653	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	378537	121.114	ug/L	96
59) Bromoform	9.670	173	196953	107.100	ug/L #	98
60) Isopropylbenzene	9.873	105	1068593	123.515	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	296239	118.770	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	907572	126.952	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	848448	122.834	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	502602	115.042	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	515782	113.423	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	501446	113.647	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	88767	116.231	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	381319	113.197	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	351492	122.731	ug/L	99
71) Naphthalene	13.445	128	945477	126.327	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	357389	123.082	ug/L	98

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

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