

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032789.D
 Acq On : 31 Oct 2023 10:21
 Operator : SY/MD
 Sample : VSTD20077
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200277

Quant Time: Nov 01 05:13:45 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	426163	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	444628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	259106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	719576	247.682	ug/L	0.00
7) Chloroethane-d5	1.519	69	597281	241.010	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.056	65	316317	256.286	ug/L	0.00
21) 2-Butanone-d5	3.777	46	708239	320.575	ug/L	0.00
24) Chloroform-d	4.246	84	1198178	211.386	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	744740	217.961	ug/L	0.00
32) Benzene-d6	4.960	84	2361090	203.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	706914	188.108	ug/L	0.00
41) Toluene-d8	7.243	98	2359604	217.330	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	401725	219.393	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	615423	390.581	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	1050518	193.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	1024074	216.856	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	611093	170.605	ug/L	100
3) Chloromethane	1.217	50	592207	154.746	ug/L	99
5) Vinyl chloride	1.285	62	649632	169.909	ug/L	99
6) Bromomethane	1.471	94	516893	233.482	ug/L	98
8) Chloroethane	1.539	64	447187	185.234	ug/L	99
9) Trichlorofluoromethane	1.709	101	1077954	211.311	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	619194	200.934	ug/L	99
12) 1,1-Dichloroethene	2.066	96	575694	205.167	ug/L	98
13) Acetone	2.108	43	940138	401.888	ug/L	100
14) Carbon disulfide	2.240	76	1411269	164.746	ug/L	100
15) Methyl Acetate	2.368	43	529703	143.342	ug/L	99
16) Methylene chloride	2.445	84	607955	173.486	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	545699	177.011	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	1771910	177.163	ug/L	99
19) 1,1-Dichloroethane	3.111	63	1038027	174.662	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	651905	190.445	ug/L	99
22) 2-Butanone	3.857	43	911113	318.370	ug/L	96
23) Bromochloromethane	4.143	128	344481	196.776	ug/L	98
25) Chloroform	4.275	83	1138099	189.658	ug/L	99
27) 1,2-Dichloroethane	5.037	62	859597	190.683	ug/L	100
29) Cyclohexane	4.584	56	861826	150.206	ug/L #	92
30) 1,1,1-Trichloroethane	4.513	97	1002786	184.382	ug/L	99
31) Carbon tetrachloride	4.735	117	881704	186.871	ug/L	100
33) Benzene	5.008	78	2328587	170.933	ug/L	100
34) Trichloroethene	5.831	95	670471	178.424	ug/L	97
35) Methylcyclohexane	6.053	83	1024878	170.144	ug/L	99
37) 1,2-Dichloropropane	6.092	63	624953	164.651	ug/L	99
38) Bromodichloromethane	6.432	83	903473	187.566	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	1065373	183.017	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	1599178	299.326	ug/L	98
42) Toluene	7.317	91	2706229	182.306	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	1057078	193.320	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	664609	182.282	ug/L	99
46) Tetrachloroethene	7.905	164	531093	187.485	ug/L	99
48) 2-Hexanone	8.075	43	1379598	324.082	ug/L	99
49) Dibromochloromethane	8.178	129	727858	200.069	ug/L	100
50) 1,2-Dibromoethane	8.281	107	707734	184.027	ug/L	100
51) Chlorobenzene	8.815	112	1805006	187.211	ug/L	98
52) Ethylbenzene	8.947	91	3143296	190.629	ug/L	100
53) m,p-Xylene	9.075	106	1209866	194.989	ug/L	98
54) o-Xylene	9.481	106	1196672	197.355	ug/L	98
55) Styrene	9.497	104	2144006	204.553	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	1034035	184.494	ug/L	100
59) Bromoform	9.667	173	567355	200.829	ug/L	99
60) Isopropylbenzene	9.870	105	3307594	188.758	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	777261	162.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	2797236	195.304	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	2767505	196.874	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	1604223	192.218	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	1641794	193.955	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	1622760	197.545	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	230025	175.280	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	1239412	205.131	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	1146702	205.463	ug/L	99
71) Naphthalene	13.439	128	3101101	173.976	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	1085009	193.480	ug/L	100

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

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