

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033014.D
 Acq On : 20 Nov 2023 10:18
 Operator : SY/MD
 Sample : VSTD05007
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050207

Quant Time: Nov 20 23:12:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:11:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	339214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	342897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	208107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	89690	50.570	ug/L	0.00
7) Chloroethane-d5	1.532	69	67514	49.496	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	35774	49.295	ug/L	0.00
21) 2-Butanone-d5	3.783	46	116058	104.267	ug/L	0.00
24) Chloroform-d	4.249	84	219602	50.242	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	138367	50.748	ug/L	0.00
32) Benzene-d6	4.960	84	407927	51.085	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	115232	50.890	ug/L	0.00
41) Toluene-d8	7.243	98	398139	52.230	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	67397	50.984	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	99039	106.973	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	171331	49.707	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	183366	49.411	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	170851	46.620	ug/L	100
3) Chloromethane	1.217	50	126747	46.344	ug/L	100
5) Vinyl chloride	1.285	62	119404	47.064	ug/L	100
6) Bromomethane	1.487	94	74807	44.622	ug/L	100
8) Chloroethane	1.552	64	64017	45.621	ug/L	100
9) Trichlorofluoromethane	1.716	101	195355	47.563	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	95658	47.232	ug/L	100
12) 1,1-Dichloroethene	2.073	96	88085	47.105	ug/L	100
13) Acetone	2.111	43	102486	92.824	ug/L	100
14) Carbon disulfide	2.243	76	292692	47.062	ug/L	100
15) Methyl Acetate	2.372	43	90029	46.512	ug/L	100
16) Methylene chloride	2.449	84	119760	45.204	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	112479	47.000	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	364462	48.549	ug/L	100
19) 1,1-Dichloroethane	3.114	63	200384	46.875	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	126546	47.162	ug/L	100
22) 2-Butanone	3.863	43	140101	99.365	ug/L	100
23) Bromochloromethane	4.146	128	71298	48.310	ug/L	100
25) Chloroform	4.278	83	225676	46.903	ug/L	100
27) 1,2-Dichloroethane	5.040	62	179526	47.828	ug/L	100
29) Cyclohexane	4.584	56	163343	49.373	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	216197	48.273	ug/L	100
31) Carbon tetrachloride	4.738	117	199935	47.904	ug/L	100
33) Benzene	5.011	78	468679	49.139	ug/L	100
34) Trichloroethene	5.834	95	129748	48.263	ug/L	100
35) Methylcyclohexane	6.053	83	193416	49.499	ug/L	100
37) 1,2-Dichloropropane	6.092	63	112864	48.211	ug/L	100
38) Bromodichloromethane	6.432	83	172941	47.545	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	194398	48.234	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	260894	101.883	ug/L	100
42) Toluene	7.317	91	520572	49.259	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	197304	48.718	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	127230	48.258	ug/L	100
46) Tetrachloroethene	7.905	164	113848	48.595	ug/L	100
48) 2-Hexanone	8.072	43	206904	102.132	ug/L	100
49) Dibromochloromethane	8.175	129	146768	48.300	ug/L	100
50) 1,2-Dibromoethane	8.281	107	135480	49.065	ug/L	100
51) Chlorobenzene	8.815	112	356112	47.486	ug/L	100
52) Ethylbenzene	8.947	91	596760	49.189	ug/L	100
53) m,p-Xylene	9.072	106	235800	49.470	ug/L	100
54) o-Xylene	9.477	106	226525	49.370	ug/L	100
55) Styrene	9.497	104	414313	50.620	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	178000	47.792	ug/L	100
59) Bromoform	9.664	173	117546	48.467	ug/L	100
60) Isopropylbenzene	9.866	105	632344	50.123	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	142783	47.560	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	504536	49.846	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	533728	50.333	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	326747	48.342	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	335155	46.649	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	324908	47.906	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	41660	47.701	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	248171	47.227	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	233451	48.476	ug/L	100
71) Naphthalene	13.439	128	613230	51.484	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	233635	50.039	ug/L	100

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

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