

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031674.D
 Acq On : 11 Jul 2023 12:06
 Operator : SY/MD
 Sample : VSTD20043
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200243

Quant Time: Jul 12 07:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	349247	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	361958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	226892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	560186	227.764	ug/L	0.00
7) Chloroethane-d5	1.526	69	277744	131.103	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	245877	197.290	ug/L	0.00
21) 2-Butanone-d5	3.789	46	815545	431.670	ug/L	0.00
24) Chloroform-d	4.252	84	1189617	200.238	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	772280	210.612	ug/L	0.00
32) Benzene-d6	4.963	84	2277303	221.657	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	752682	208.399	ug/L	0.00
41) Toluene-d8	7.249	98	2147950	226.840	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	384842	220.754	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	685977	493.484	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	1127173	207.909	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	854992	199.343	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	856285	223.567	ug/L	99
3) Chloromethane	1.217	50	833468	229.848	ug/L	98
5) Vinyl chloride	1.285	62	766691	214.172	ug/L	99
6) Bromomethane	1.484	94	348475	151.659	ug/L	99
8) Chloroethane	1.545	64	350744	152.801	ug/L	98
9) Trichlorofluoromethane	1.709	101	1123473	191.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	627776	196.742	ug/L	100
12) 1,1-Dichloroethene	2.069	96	557754	208.722	ug/L	96
13) Acetone	2.117	43	607577	325.523	ug/L	99
14) Carbon disulfide	2.240	76	1840092	225.622	ug/L	100
15) Methyl Acetate	2.375	43	765843	241.307	ug/L	97
16) Methylene chloride	2.449	84	664551	201.069	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	643363	234.235	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	2160601	240.564	ug/L	99
19) 1,1-Dichloroethane	3.114	63	1284799	218.506	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	678866	231.040	ug/L	96
22) 2-Butanone	3.870	43	1005649	425.646	ug/L	96
23) Bromochloromethane	4.150	128	350587	217.418	ug/L	99
25) Chloroform	4.281	83	1256232	205.350	ug/L	99
27) 1,2-Dichloroethane	5.043	62	1021785	217.927	ug/L	99
29) Cyclohexane	4.590	56	1181422	251.838	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	1157198	200.257	ug/L	99
31) Carbon tetrachloride	4.741	117	1031099	201.468	ug/L	98
33) Benzene	5.014	78	2686495	222.899	ug/L	100
34) Trichloroethene	5.838	95	758633	232.633	ug/L	98
35) Methylcyclohexane	6.056	83	1158025	245.517	ug/L	97
37) 1,2-Dichloropropane	6.098	63	775612	220.470	ug/L	98
38) Bromodichloromethane	6.436	83	1019450	213.004	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	1257972	242.016	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	2155860	522.537	ug/L	99
42) Toluene	7.320	91	2891665	230.742	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	1208397	238.020	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	707933	211.066	ug/L	98
46) Tetrachloroethene	7.908	164	544780	214.072	ug/L	97
48) 2-Hexanone	8.082	43	1685467	504.003	ug/L	99
49) Dibromochloromethane	8.182	129	809807	216.696	ug/L	98
50) 1,2-Dibromoethane	8.288	107	800517	223.439	ug/L	99
51) Chlorobenzene	8.818	112	1800016	217.323	ug/L	100
52) Ethylbenzene	8.950	91	3322294	239.817	ug/L	99
53) m,p-Xylene	9.079	106	1230973	240.495	ug/L	96
54) o-Xylene	9.484	106	1178070	244.662	ug/L	94
55) Styrene	9.500	104	2106771	241.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	1175906	217.637	ug/L #	96
59) Bromoform	9.670	173	643155	226.717	ug/L #	98
60) Isopropylbenzene	9.873	105	3251536	227.589	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	968140	215.163	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	2810455	239.072	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	2833891	254.263	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	1538213	212.231	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	1590373	205.391	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	1547065	210.907	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	307336	227.824	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	1184062	214.482	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	1105606	229.425	ug/L	100
71) Naphthalene	13.445	128	3329540	268.677	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	1099384	219.664	ug/L	100

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

