

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027134.D
 Acq On : 01 Aug 2022 17:30
 Operator : SY/MD
 Sample : VSTD20050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200250

Quant Time: Aug 02 00:06:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	680724	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	660472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	369946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	843506	191.198	ug/L	0.00
7) Chloroethane-d5	1.558	69	470728	142.588	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1581589	188.265	ug/L	0.00
21) 2-Butanone-d5	3.870	46	1221440	441.260	ug/L	0.00
24) Chloroform-d	4.339	84	1693267	189.881	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	952271	188.214	ug/L	0.00
32) Benzene-d6	5.043	84	3468775	198.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1064387	196.875	ug/L	0.00
41) Toluene-d8	7.314	98	3224016	204.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	516201	217.549	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1021047	489.187	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1543087	190.938	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1261554	194.036	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	1199636	184.173	ug/L	99
3) Chloromethane	1.237	50	1152674	186.623	ug/L	99
5) Vinyl chloride	1.307	62	1217777	189.414	ug/L	100
6) Bromomethane	1.516	94	599990	179.956	ug/L	98
8) Chloroethane	1.574	64	485520	140.948	ug/L	99
9) Trichlorofluoromethane	1.745	101	1553492	183.398	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	880180	181.182	ug/L	99
12) 1,1-Dichloroethene	2.111	96	874499	185.261	ug/L	99
13) Acetone	2.166	43	863871	352.221	ug/L	99
14) Carbon disulfide	2.285	76	2725829	193.900	ug/L	99
15) Methyl Acetate	2.423	43	1036822	194.312	ug/L	99
16) Methylene chloride	2.500	84	1077590	180.101	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	983126	195.671	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	3001075	207.925	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1755274	190.780	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	1125003	210.936	ug/L	99
22) 2-Butanone	3.954	43	1438392	446.634	ug/L	99
23) Bromochloromethane	4.240	128	580938	191.715	ug/L	99
25) Chloroform	4.368	83	1816791	187.548	ug/L	100
27) 1,2-Dichloroethane	5.124	62	1279478	190.767	ug/L	100
29) Cyclohexane	4.671	56	1477309	220.927	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1582180	191.038	ug/L	99
31) Carbon tetrachloride	4.822	117	1385456	194.542	ug/L	99
33) Benzene	5.092	78	4027512	198.821	ug/L	100
34) Trichloroethene	5.908	95	1024197	196.603	ug/L	98
35) Methylcyclohexane	6.127	83	1672749	216.353	ug/L	98
37) 1,2-Dichloropropane	6.169	63	1037760	195.141	ug/L	100
38) Bromodichloromethane	6.503	83	1369953	194.480	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1698495	227.668	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	2711515	431.413	ug/L	98
42) Toluene	7.384	91	4270878	204.373	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	1585369	221.175	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	1061821	189.940	ug/L	99
46) Tetrachloroethene	7.973	164	791696	199.055	ug/L	97
48) 2-Hexanone	8.137	43	2099252	429.582	ug/L	99
49) Dibromochloromethane	8.243	129	1174666	202.419	ug/L	100
50) 1,2-Dibromoethane	8.349	107	1135968	196.276	ug/L	99
51) Chlorobenzene	8.879	112	2836894	196.166	ug/L	99
52) Ethylbenzene	9.011	91	4650183	217.129	ug/L	99
53) m,p-Xylene	9.137	106	1858665	221.238	ug/L	99
54) o-Xylene	9.542	106	1837820	223.474	ug/L	100
55) Styrene	9.558	104	3191362	223.278	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	1728969	190.732	ug/L	100
59) Bromoform	9.728	173	845103	197.868	ug/L	99
60) Isopropylbenzene	9.931	105	4686655	206.464	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	1337219	174.102	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	2249859	228.827	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1872258	235.682	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	2250317	201.149	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	2265492	191.961	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	2278621	193.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	410261	199.651	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	1670276	210.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1559789	234.050	ug/L	99
71) Naphthalene	13.500	128	5322764	243.143	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	1582990	217.210	ug/L	100

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

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