

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024516.D
 Acq On : 02 Feb 2022 11:38
 Operator : SY/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200205

Quant Time: Feb 03 05:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	381201	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	353993	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	174415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	545104	201.563	ug/L	0.00
7) Chloroethane-d5	1.568	69	500792	238.421	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1085151	211.492	ug/L	0.00
21) 2-Butanone-d5	3.883	46	760158	481.875	ug/L	0.00
24) Chloroform-d	4.346	84	1012668	204.819	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	649585	198.143	ug/L	0.00
32) Benzene-d6	5.050	84	1990885	213.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	633366	235.414	ug/L	0.00
41) Toluene-d8	7.313	98	1840832	207.873	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	350915	232.099	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	619190	528.545	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	843534	228.604	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	655178	191.070	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	579017	193.882	ug/L	99
3) Chloromethane	1.243	50	560369	214.025	ug/L	98
5) Vinyl chloride	1.314	62	609629	220.848	ug/L	99
6) Bromomethane	1.523	94	375117	235.562	ug/L	99
8) Chloroethane	1.587	64	437482	254.103	ug/L	99
9) Trichlorofluoromethane	1.751	101	869782	181.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	482315	203.538	ug/L	99
12) 1,1-Dichloroethene	2.117	96	457380	200.302	ug/L	92
13) Acetone	2.182	43	792493	502.334	ug/L	98
14) Carbon disulfide	2.294	76	1266577	191.829	ug/L	99
15) Methyl Acetate	2.433	43	510392	225.899	ug/L	100
16) Methylene chloride	2.507	84	497287	198.314	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	471920	200.352	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	1653071	222.358	ug/L	99
19) 1,1-Dichloroethane	3.188	63	914276	227.261	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	538298	212.014	ug/L	99
22) 2-Butanone	3.966	43	941508	550.562	ug/L	97
23) Bromochloromethane	4.246	128	257248	182.517	ug/L	97
25) Chloroform	4.375	83	938386	204.301	ug/L	100
27) 1,2-Dichloroethane	5.127	62	753685	203.121	ug/L	99
29) Cyclohexane	4.677	56	838839	253.047	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	850944	197.436	ug/L	100
31) Carbon tetrachloride	4.828	117	714433	182.775	ug/L	100
33) Benzene	5.098	78	2002593	220.207	ug/L	100
34) Trichloroethene	5.912	95	544242	213.877	ug/L	98
35) Methylcyclohexane	6.130	83	874576	233.588	ug/L	99
37) 1,2-Dichloropropane	6.172	63	539763	243.256	ug/L	100
38) Bromodichloromethane	6.506	83	753224	222.864	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	926772	249.360	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1542530	521.455	ug/L	100
42) Toluene	7.387	91	2185974	215.687	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	908833	245.483	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	505065	211.902	ug/L	99
46) Tetrachloroethene	7.976	164	338586	159.221	ug/L	98
48) 2-Hexanone	8.140	43	1344088	558.585	ug/L	99
49) Dibromochloromethane	8.246	129	561109	193.891	ug/L	98
50) 1,2-Dibromoethane	8.349	107	538720	211.133	ug/L	99
51) Chlorobenzene	8.879	112	1361287	201.790	ug/L	99
52) Ethylbenzene	9.011	91	2452254	224.720	ug/L	98
53) m,p-Xylene	9.136	106	933526	216.965	ug/L	98
54) o-Xylene	9.542	106	923621	223.470	ug/L	100
55) Styrene	9.558	104	1644519	230.880	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	806745	231.397	ug/L	99
59) Bromoform	9.728	173	366807	190.047	ug/L	100
60) Isopropylbenzene	9.931	105	2473746	244.732	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	679709	246.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	2139367	246.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2176187	251.566	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1029745	207.244	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1040151	203.722	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1020588	200.388	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	204526	264.311	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	703407	189.790	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	629007	196.949	ug/L	99
71) Naphthalene	13.500	128	2263134	232.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	602105	184.762	ug/L	100

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

