

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021574.D
 Acq On : 29 Jun 2021 11:06
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100163

Quant Time: Jun 30 03:57:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 03:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	494066	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	467825	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	247375	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	312707	96.650	ug/L	0.00
7) Chloroethane-d5	1.568	69	258829	105.216	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	565727	100.725	ug/L	0.00
21) 2-Butanone-d5	3.892	46	578993	239.249	ug/L	0.00
24) Chloroform-d	4.349	84	663764	101.933	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	391240	103.767	ug/L	0.00
32) Benzene-d6	5.050	84	1322965	100.960	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	417711	103.123	ug/L	0.00
41) Toluene-d8	7.317	98	1227126	98.955	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	211534	98.856	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	430735	229.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	572055	101.916	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	493481	96.548	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	409082	113.235	ug/L	100
3) Chloromethane	1.240	50	395642	111.078	ug/L	99
5) Vinyl chloride	1.311	62	392308	108.713	ug/L	99
6) Bromomethane	1.523	94	252223	102.715	ug/L	98
8) Chloroethane	1.584	64	230002	111.052	ug/L	100
9) Trichlorofluoromethane	1.751	101	467943	90.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	279285	92.472	ug/L	100
12) 1,1-Dichloroethene	2.118	96	273984	94.402	ug/L	95
13) Acetone	2.195	43	397318	190.710	ug/L #	100
14) Carbon disulfide	2.291	76	950626	101.963	ug/L	100
15) Methyl Acetate	2.436	43	411560	114.252	ug/L	100
16) Methylene chloride	2.507	84	358887	97.515	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	338237	101.176	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	1101598	103.190	ug/L	100
19) 1,1-Dichloroethane	3.188	63	615232	103.210	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	380271	101.525	ug/L	97
22) 2-Butanone	3.976	43	602426	226.638	ug/L	100
23) Bromochloromethane	4.249	128	200095	97.518	ug/L	97
25) Chloroform	4.378	83	622070	100.901	ug/L	100
27) 1,2-Dichloroethane	5.130	62	457293	106.355	ug/L	99
29) Cyclohexane	4.680	56	565093	102.274	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	563817	97.362	ug/L	99
31) Carbon tetrachloride	4.831	117	501009	95.768	ug/L	99
33) Benzene	5.101	78	1383498	101.859	ug/L	100
34) Trichloroethene	5.915	95	368126	100.266	ug/L	99
35) Methylcyclohexane	6.133	83	585198	99.166	ug/L	100
37) 1,2-Dichloropropane	6.175	63	356033	102.930	ug/L	100
38) Bromodichloromethane	6.510	83	489634	101.383	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	600171	103.505	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	1082517	226.163	ug/L	100
42) Toluene	7.391	91	1482560	99.165	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	571908	104.064	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	353908	101.341	ug/L	99
46) Tetrachloroethene	7.979	164	293578	89.390	ug/L	98
48) 2-Hexanone	8.140	43	840459	228.227	ug/L	100
49) Dibromochloromethane	8.249	129	417947	96.803	ug/L	99
50) 1,2-Dibromoethane	8.355	107	389408	101.102	ug/L	99
51) Chlorobenzene	8.883	112	967414	98.255	ug/L	99
52) Ethylbenzene	9.014	91	1613129	98.538	ug/L	99
53) m,p-Xylene	9.140	106	625193	99.433	ug/L	98
54) o-Xylene	9.545	106	619136	99.477	ug/L	99
55) Styrene	9.561	104	1062257	99.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	568126	103.599	ug/L	100
59) Bromoform	9.731	173	321035	96.788	ug/L	100
60) Isopropylbenzene	9.934	105	1616118	103.391	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	457904	112.852	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	1389921	103.450	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1400394	103.198	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	764570	98.393	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	764557	97.476	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	766584	98.156	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	145561	115.401	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	586446	91.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	528773	92.857	ug/L	99
71) Naphthalene	13.503	128	1701185	106.225	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	519388	93.309	ug/L	99

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

