

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024245.D
 Acq On : 30 Dec 2021 20:18
 Operator : SY/MD
 Sample : VSTD10072
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100272

Quant Time: Dec 31 05:03:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	250470	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	233601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135901	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	178374	98.954	ug/L	0.00
7) Chloroethane-d5	1.568	69	136662	99.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	339358	100.730	ug/L	0.00
21) 2-Butanone-d5	3.883	46	206289	204.380	ug/L	0.00
24) Chloroform-d	4.349	84	335737	101.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	219992	99.735	ug/L	0.00
32) Benzene-d6	5.050	84	635154	104.193	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	175280	102.597	ug/L	0.00
41) Toluene-d8	7.313	98	620233	105.084	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	105168	106.904	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	168125	226.510	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	247547	101.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	269587	99.521	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	199983	98.967	ug/L	100
3) Chloromethane	1.240	50	165265	97.347	ug/L	98
5) Vinyl chloride	1.310	62	181995	101.316	ug/L	97
6) Bromomethane	1.523	94	108703	106.196	ug/L	98
8) Chloroethane	1.584	64	109450	98.714	ug/L	98
9) Trichlorofluoromethane	1.751	101	321179	99.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	157056	99.528	ug/L	99
12) 1,1-Dichloroethene	2.117	96	154644	101.362	ug/L	87
13) Acetone	2.178	43	186374	197.812	ug/L	100
14) Carbon disulfide	2.294	76	444988	100.453	ug/L	99
15) Methyl Acetate	2.429	43	144766	100.378	ug/L	100
16) Methylene chloride	2.506	84	165625	99.688	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	159124	101.216	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	510727	105.407	ug/L	100
19) 1,1-Dichloroethane	3.188	63	265681	101.888	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	173745	103.480	ug/L	100
22) 2-Butanone	3.966	43	220347	209.340	ug/L	98
23) Bromochloromethane	4.246	128	98027	101.325	ug/L	99
25) Chloroform	4.375	83	307461	100.848	ug/L	100
27) 1,2-Dichloroethane	5.127	62	248650	100.272	ug/L	98
29) Cyclohexane	4.677	56	225144	107.818	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	297612	103.544	ug/L	99
31) Carbon tetrachloride	4.828	117	275520	103.325	ug/L	99
33) Benzene	5.098	78	628394	105.793	ug/L	100
34) Trichloroethene	5.911	95	170269	103.950	ug/L	99
35) Methylcyclohexane	6.130	83	262393	108.014	ug/L	99
37) 1,2-Dichloropropane	6.172	63	148706	106.439	ug/L	98
38) Bromodichloromethane	6.509	83	232335	105.974	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	263272	112.101	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	393979	216.256	ug/L	100
42) Toluene	7.387	91	716288	107.427	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	266733	111.962	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	160621	102.553	ug/L	99
46) Tetrachloroethene	7.976	164	153491	102.954	ug/L	99
48) 2-Hexanone	8.136	43	317817	217.196	ug/L	99
49) Dibromochloromethane	8.246	129	205972	104.914	ug/L	100
50) 1,2-Dibromoethane	8.352	107	174546	103.757	ug/L	98
51) Chlorobenzene	8.879	112	465845	103.729	ug/L	99
52) Ethylbenzene	9.011	91	766622	107.624	ug/L	100
53) m,p-Xylene	9.136	106	310851	108.871	ug/L	98
54) o-Xylene	9.542	106	300743	110.342	ug/L	98
55) Styrene	9.561	104	526921	111.325	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	234978	102.745	ug/L	99
59) Bromoform	9.731	173	159585	102.981	ug/L	100
60) Isopropylbenzene	9.931	105	794521	105.652	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	196161	98.299	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	705827	109.113	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	705513	109.247	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	403856	104.155	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	404636	101.191	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	407067	101.864	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	62036	107.946	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	312727	104.855	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	281387	110.317	ug/L	100
71) Naphthalene	13.500	128	834100	113.027	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	284000	107.730	ug/L	98

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

