

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024244.D
 Acq On : 30 Dec 2021 19:54
 Operator : SY/MD
 Sample : VSTD05071
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050271

Quant Time: Dec 31 05:02:50 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	233641	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	86905	51.683	ug/L	0.00
7) Chloroethane-d5	1.568	69	66875	52.354	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	160839	51.180	ug/L	0.00
21) 2-Butanone-d5	3.886	46	98104	104.197	ug/L	0.00
24) Chloroform-d	4.349	84	161263	52.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	107844	52.413	ug/L	0.00
32) Benzene-d6	5.050	84	304953	51.872	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	84622	51.361	ug/L	0.00
41) Toluene-d8	7.313	98	302698	53.178	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	50024	52.727	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	76601	107.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	123268	52.353	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	126751	49.435	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	99410	52.739	ug/L	100
3) Chloromethane	1.243	50	81283	51.327	ug/L	100
5) Vinyl chloride	1.311	62	87832	52.418	ug/L	100
6) Bromomethane	1.523	94	50109	52.479	ug/L	100
8) Chloroethane	1.587	64	56415	54.546	ug/L	100
9) Trichlorofluoromethane	1.754	101	157045	52.141	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	76530	51.991	ug/L	100
12) 1,1-Dichloroethene	2.121	96	75416	52.992	ug/L	100
13) Acetone	2.179	43	96361	109.641	ug/L	100
14) Carbon disulfide	2.294	76	215293	52.102	ug/L	100
15) Methyl Acetate	2.433	43	70243	52.213	ug/L	100
16) Methylene chloride	2.507	84	79666	51.404	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	77089	52.567	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	242731	53.705	ug/L	100
19) 1,1-Dichloroethane	3.191	63	129426	53.210	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	83449	53.281	ug/L	100
22) 2-Butanone	3.970	43	106983	108.960	ug/L	100
23) Bromochloromethane	4.246	128	48649	53.908	ug/L	100
25) Chloroform	4.375	83	151855	53.396	ug/L	100
27) 1,2-Dichloroethane	5.130	62	123268	53.290	ug/L	100
29) Cyclohexane	4.680	56	108981	54.116	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	145009	52.314	ug/L	100
31) Carbon tetrachloride	4.831	117	135248	52.593	ug/L	100
33) Benzene	5.098	78	309239	53.984	ug/L	100
34) Trichloroethene	5.915	95	83017	52.553	ug/L	100
35) Methylcyclohexane	6.130	83	126493	53.993	ug/L	100
37) 1,2-Dichloropropane	6.172	63	70320	52.191	ug/L	100
38) Bromodichloromethane	6.510	83	111969	52.958	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	119849	52.915	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	190735	108.560	ug/L	100
42) Toluene	7.387	91	347334	54.015	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124553	54.212	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	79721	52.779	ug/L	100
46) Tetrachloroethene	7.976	164	75962	52.833	ug/L	100
48) 2-Hexanone	8.140	43	157856	111.862	ug/L	100
49) Dibromochloromethane	8.246	129	100222	52.934	ug/L	100
50) 1,2-Dibromoethane	8.352	107	86552	53.349	ug/L	100
51) Chlorobenzene	8.883	112	226559	52.310	ug/L	100
52) Ethylbenzene	9.011	91	367932	53.560	ug/L	100
53) m,p-Xylene	9.137	106	148467	53.918	ug/L	100
54) o-Xylene	9.542	106	143819	54.715	ug/L	100
55) Styrene	9.558	104	254534	55.762	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	115698	52.457	ug/L	100
59) Bromoform	9.731	173	76265	51.995	ug/L	100
60) Isopropylbenzene	9.931	105	382158	53.689	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	96001	50.825	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	330766	54.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333434	54.548	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	193927	52.840	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	195745	51.717	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	195010	51.556	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	28316	52.055	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	147601	52.285	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	127418	52.776	ug/L	100
71) Naphthalene	13.500	128	380349	54.452	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	134090	53.738	ug/L	100

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

