

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024514.D
 Acq On : 02 Feb 2022 10:50
 Operator : SY/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050203

Quant Time: Feb 03 05:22:25 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	392690	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	357659	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	167259	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	136003	48.818	ug/L	0.00
7) Chloroethane-d5	1.571	69	116615	53.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	271237	51.316	ug/L	0.00
21) 2-Butanone-d5	3.889	46	190126	116.998	ug/L	0.00
24) Chloroform-d	4.349	84	253047	49.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	160992	47.671	ug/L	0.00
32) Benzene-d6	5.050	84	503964	53.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	159990	58.857	ug/L	0.00
41) Toluene-d8	7.313	98	458188	51.210	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	84760	55.487	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	145216	122.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	193221	51.828	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	153413	46.654	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	144176	46.864	ug/L	100
3) Chloromethane	1.243	50	145490	53.942	ug/L	100
5) Vinyl chloride	1.314	62	154449	54.315	ug/L	100
6) Bromomethane	1.526	94	93121	56.766	ug/L	100
8) Chloroethane	1.587	64	103628	58.429	ug/L	100
9) Trichlorofluoromethane	1.754	101	232195	47.048	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	120388	49.318	ug/L	100
12) 1,1-Dichloroethene	2.121	96	116836	49.670	ug/L	100
13) Acetone	2.185	43	197159	121.316	ug/L	100
14) Carbon disulfide	2.294	76	325979	47.927	ug/L	100
15) Methyl Acetate	2.436	43	134652	57.853	ug/L	100
16) Methylene chloride	2.507	84	128483	49.739	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	119981	49.447	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	423439	55.291	ug/L	100
19) 1,1-Dichloroethane	3.191	63	231552	55.873	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	136032	52.010	ug/L	100
22) 2-Butanone	3.973	43	234925	133.357	ug/L	100
23) Bromochloromethane	4.249	128	65550	45.147	ug/L	100
25) Chloroform	4.375	83	243148	51.388	ug/L	100
27) 1,2-Dichloroethane	5.130	62	190820	49.922	ug/L	100
29) Cyclohexane	4.677	56	211051	63.014	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	218703	50.223	ug/L	100
31) Carbon tetrachloride	4.828	117	181384	45.928	ug/L	100
33) Benzene	5.098	78	514446	55.989	ug/L	100
34) Trichloroethene	5.912	95	147580	57.402	ug/L	100
35) Methylcyclohexane	6.130	83	216697	57.284	ug/L	100
37) 1,2-Dichloropropane	6.172	63	137349	61.265	ug/L	100
38) Bromodichloromethane	6.510	83	192282	56.309	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	230105	61.278	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	402526	134.680	ug/L	100
42) Toluene	7.387	91	559234	54.613	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	220993	59.080	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	129106	53.612	ug/L	100
46) Tetrachloroethene	7.973	164	87078	40.529	ug/L	100
48) 2-Hexanone	8.137	43	346006	142.322	ug/L	100
49) Dibromochloromethane	8.246	129	138622	47.410	ug/L	100
50) 1,2-Dibromoethane	8.349	107	137994	53.528	ug/L	100
51) Chlorobenzene	8.879	112	344668	50.568	ug/L	100
52) Ethylbenzene	9.011	91	613985	55.688	ug/L	100
53) m,p-Xylene	9.137	106	229625	52.821	ug/L	100
54) o-Xylene	9.542	106	229048	54.850	ug/L	100
55) Styrene	9.558	104	391537	54.406	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	188917	53.631	ug/L	100
59) Bromoform	9.728	173	85085	45.970	ug/L	100
60) Isopropylbenzene	9.931	105	606385	62.557	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	172478	65.169	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	517388	62.257	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	520432	62.736	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	250345	52.540	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	248235	50.699	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	245025	50.168	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	45493	61.306	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	162803	45.806	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	146545	47.848	ug/L	100
71) Naphthalene	13.500	128	554839	59.509	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	144505	46.240	ug/L	100

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

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