

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021006.D
 Acq On : 14 Apr 2021 14:38
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050164

Quant Time: Apr 15 01:20:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:18:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	511436	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	501744	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	288272	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	137503	53.26	ug/L	0.00
7) Chloroethane-d5	1.571	69	108881	48.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	291821	54.44	ug/L	0.00
21) 2-Butanone-d5	3.899	46	199556	104.30	ug/L	0.00
24) Chloroform-d	4.355	84	339709	56.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	239655	61.69	ug/L	0.00
32) Benzene-d6	5.053	84	624444	55.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	171489	49.92	ug/L	0.00
41) Toluene-d8	7.320	98	637905	58.69	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	110529	62.95	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	162586	117.32	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	277728	55.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.631	152	293455	56.04	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	181343	44.60	ug/L	100
3) Chloromethane	1.243	50	124804	37.02	ug/L	100
5) Vinyl chloride	1.314	62	138118	37.67	ug/L	100
6) Bromomethane	1.526	94	103651	42.15	ug/L	100
8) Chloroethane	1.590	64	89061	39.50	ug/L	100
9) Trichlorofluoromethane	1.754	101	320638	54.02	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	151924	48.04	ug/L	100
12) 1,1-Dichloroethene	2.121	96	138052	47.08	ug/L	100
13) Acetone	2.191	43	142749	101.55	ug/L	100
14) Carbon disulfide	2.297	76	384089	49.64	ug/L	100
15) Methyl Acetate	2.439	43	125883	44.58	ug/L	100
16) Methylene chloride	2.513	84	153694	46.33	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	149691	48.71	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	470064	50.33	ug/L	100
19) 1,1-Dichloroethane	3.195	63	253576	45.95	ug/L	100
20) cis-1,2-Dichloroethene	3.918	96	161431	47.72	ug/L	100
22) 2-Butanone	3.982	43	175464	91.34	ug/L	100
23) Bromochloromethane	4.256	128	96184	51.69	ug/L	100
25) Chloroform	4.381	83	329291	52.78	ug/L	100
27) 1,2-Dichloroethane	5.133	62	251661	54.07	ug/L	100
29) Cyclohexane	4.683	56	202439	46.31	ug/L	100
30) 1,1,1-Trichloroethane	4.612	97	307171	56.39	ug/L	100
31) Carbon tetrachloride	4.834	117	285578	59.19	ug/L	100
33) Benzene	5.104	78	583143	47.19	ug/L	100
34) Trichloroethene	5.918	95	164709	45.71	ug/L	100
35) Methylcyclohexane	6.137	83	245584	50.13	ug/L	100
37) 1,2-Dichloropropane	6.178	63	135958	43.95	ug/L	100
38) Bromodichloromethane	6.516	83	233058	52.51	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	245462	50.86	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	349241	91.29	ug/L	100
42) Toluene	7.394	91	671697	49.28	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	251527	52.74	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	159715	48.16	ug/L	100
46) Tetrachloroethene	7.979	164	155024	52.11	ug/L	100
48) 2-Hexanone	8.143	43	280783	94.71	ug/L	100
49) Dibromochloromethane	8.249	129	213566	57.15	ug/L	100
50) 1,2-Dibromoethane	8.355	107	177810	49.93	ug/L	100
51) Chlorobenzene	8.886	112	457449	47.97	ug/L	100
52) Ethylbenzene	9.017	91	750654	49.60	ug/L	100
53) m,p-Xylene	9.143	106	302458	51.64	ug/L	100
54) o-Xylene	9.548	106	290673	50.77	ug/L	100
55) Styrene	9.564	104	513393	52.33	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	251337	50.93	ug/L	100
59) Bromoform	9.738	173	170802	60.24	ug/L	100
60) Isopropylbenzene	9.937	105	798114	50.62	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	203291	45.74	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	693654	53.22	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	710697	53.41	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	403623	48.78	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	412089	47.95	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	412427	49.78	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	66786	60.93	ug/L	100
69) 1,3,5-Trichlorobenzene	12.651	180	318712	49.38	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	266870	48.14	ug/L	100
71) Naphthalene	13.509	128	767341	50.66	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	281208	50.26	ug/L	100

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

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