

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021005.D
 Acq On : 14 Apr 2021 14:15
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010163

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:02:56 PM

Quant Time: Apr 15 01:19:40 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	504983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	489609	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	263630	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	29657	11.63	ug/L	0.00
7) Chloroethane-d5	1.571	69	22868	10.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	60103	11.36	ug/L	0.00
21) 2-Butanone-d5	3.915	46	34940m	18.50	ug/L	0.02
24) Chloroform-d	4.352	84	69403	11.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	47864	12.48	ug/L	0.00
32) Benzene-d6	5.056	84	124473	11.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	35589	10.62	ug/L	0.00
41) Toluene-d8	7.320	98	119606	11.28	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	19564	11.42	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	26418	19.54	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	55570	11.45	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	55211	11.53	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	39168	9.76	ug/L	99
3) Chloromethane	1.243	50	26969	8.10	ug/L	98
5) Vinyl chloride	1.314	62	29192	8.06	ug/L #	81
6) Bromomethane	1.526	94	22180	9.13	ug/L	96
8) Chloroethane	1.590	64	19804	8.90	ug/L	100
9) Trichlorofluoromethane	1.754	101	70532	12.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	33317	10.67	ug/L	97
12) 1,1-Dichloroethene	2.121	96	29491	10.18	ug/L	93
13) Acetone	2.198	43	30575	22.03	ug/L	66
14) Carbon disulfide	2.298	76	82782	10.84	ug/L	98
15) Methyl Acetate	2.445	43	25027	8.98	ug/L	99
16) Methylene chloride	2.513	84	34793	10.62	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	31609	10.42	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	94792	10.28	ug/L	100
19) 1,1-Dichloroethane	3.195	63	53695	9.85	ug/L	96
20) cis-1,2-Dichloroethene	3.925	96	31982m	9.58	ug/L	
22) 2-Butanone	4.002	43	36925m	19.47	ug/L	
23) Bromochloromethane	4.259	128	20335	11.07	ug/L	95
25) Chloroform	4.381	83	70902	11.51	ug/L	95
27) 1,2-Dichloroethane	5.140	62	52126	11.34	ug/L	97
29) Cyclohexane	4.680	56	40189	9.42	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	66569	12.52	ug/L	99
31) Carbon tetrachloride	4.831	117	58375	12.40	ug/L	97
33) Benzene	5.108	78	117507	9.75	ug/L	100
34) Trichloroethene	5.921	95	35435	10.08	ug/L	98
35) Methylcyclohexane	6.137	83	45973	9.62	ug/L	96
37) 1,2-Dichloropropane	6.178	63	26247	8.69	ug/L #	94
38) Bromodichloromethane	6.516	83	47738	11.02	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	46898	9.96	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	66679	17.86	ug/L	96
42) Toluene	7.394	91	129582	9.74	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	47103	10.12	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	33007	10.20	ug/L	95
46) Tetrachloroethene	7.979	164	31643	10.90	ug/L	97
48) 2-Hexanone	8.149	43	51586	17.83	ug/L	98
49) Dibromochloromethane	8.252	129	41522	11.39	ug/L	100
50) 1,2-Dibromoethane	8.358	107	36440	10.49	ug/L #	94
51) Chlorobenzene	8.886	112	94274	10.13	ug/L	98
52) Ethylbenzene	9.018	91	144272	9.77	ug/L	97
53) m,p-Xylene	9.146	106	55493	9.71	ug/L	95
54) o-Xylene	9.551	106	53388	9.56	ug/L	99
55) Styrene	9.567	104	91029	9.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	51719	10.74	ug/L	99
59) Bromoform	9.738	173	33882	13.07	ug/L	100
60) Isopropylbenzene	9.937	105	150102	10.41	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	42115	10.36	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	124765	10.47	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	125950	10.35	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	77249	10.21	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	83630	10.64	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	82755	10.92	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	11445	11.42	ug/L	97
69) 1,3,5-Trichlorobenzene	12.651	180	58121	9.85	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	45792	9.03	ug/L	99
71) Naphthalene	13.509	128	107039	7.73	ug/L	98
72) 1,2,3-Trichlorobenzene	13.750	180	47803	9.34	ug/L	99

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

