

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021004.D
 Acq On : 14 Apr 2021 13:50
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005162

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:02:48 PM

Quant Time: Apr 15 01:19:15 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	5.619	114	475099	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	457082	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	241784	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	13069	5.45	ug/L	0.00
7) Chloroethane-d5	1.574	69	10209	4.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	29906	6.01	ug/L	0.00
21) 2-Butanone-d5	3.937	46	13630m	7.67	ug/L	0.04
24) Chloroform-d	4.355	84	31564	5.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	20288	5.62	ug/L	0.00
32) Benzene-d6	5.056	84	54956	5.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	14586	4.66	ug/L	0.00
41) Toluene-d8	7.323	98	51190	5.17	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	8346	5.22	ug/L	0.00
47) 2-Hexanone-d5	8.104	63	9817	7.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	23472	5.18	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.635	152	23823	5.42	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	25048	6.63	ug/L	97
3) Chloromethane	1.243	50	16746	5.35	ug/L	97
5) Vinyl chloride	1.314	62	18157	5.33	ug/L #	70
6) Bromomethane	1.526	94	12973	5.68	ug/L	96
8) Chloroethane	1.590	64	12157	5.80	ug/L	88
9) Trichlorofluoromethane	1.754	101	44798	8.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	20923	7.12	ug/L	99
12) 1,1-Dichloroethene	2.121	96	18424m	6.76	ug/L	
13) Acetone	2.195	43	18031m	13.81	ug/L	
14) Carbon disulfide	2.294	76	48575	6.76	ug/L	99
15) Methyl Acetate	2.445	43	13596	5.18	ug/L	98
16) Methylene chloride	2.513	84	21287	6.91	ug/L	97
17) trans-1,2-Dichloroethene	2.767	96	18734	6.56	ug/L	99
18) Methyl tert-butyl Ether	2.777	73	57288	6.60	ug/L	98
19) 1,1-Dichloroethane	3.198	63	33046	6.45	ug/L	97
20) cis-1,2-Dichloroethene	3.921	96	19428	6.18	ug/L	99
22) 2-Butanone	4.011	43	18013m	10.09	ug/L	
23) Bromochloromethane	4.252	128	11421m	6.61	ug/L	
25) Chloroform	4.381	83	42038	7.25	ug/L	96
27) 1,2-Dichloroethane	5.140	62	31603	7.31	ug/L #	94
29) Cyclohexane	4.683	56	23939	6.01	ug/L	97
30) 1,1,1-Trichloroethane	4.616	97	37902	7.64	ug/L	96
31) Carbon tetrachloride	4.831	117	36666	8.34	ug/L	99
33) Benzene	5.108	78	71334	6.34	ug/L	100
34) Trichloroethene	5.921	95	19922	6.07	ug/L	97
35) Methylcyclohexane	6.133	83	29065	6.51	ug/L	97
37) 1,2-Dichloropropane	6.182	63	18039	6.40	ug/L	99
38) Bromodichloromethane	6.516	83	28462	7.04	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	27784	6.32	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	38044	10.92	ug/L	95
42) Toluene	7.394	91	75199	6.06	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	27961	6.44	ug/L	99

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45) 1,1,2-Trichloroethane	7.844	97	19251	6.37	ug/L	96
46) Tetrachloroethene	7.982	164	20277	7.48	ug/L	87
48) 2-Hexanone	8.153	43	25557	9.46	ug/L #	94
49) Dibromochloromethane	8.249	129	25391	7.46	ug/L	97
50) 1,2-Dibromoethane	8.358	107	20989	6.47	ug/L #	92
51) Chlorobenzene	8.889	112	55317	6.37	ug/L	97
52) Ethylbenzene	9.017	91	83328	6.04	ug/L	95
53) m,p-Xylene	9.146	106	32962	6.18	ug/L	86
54) o-Xylene	9.551	106	31426	6.03	ug/L	97
55) Styrene	9.570	104	50278	5.63	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	30505	6.79	ug/L	95
59) Bromoform	9.738	173	19409	8.16	ug/L	99
60) Isopropylbenzene	9.937	105	84491	6.39	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	24661	6.62	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	68615	6.28	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	68100	6.10	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	43402	6.25	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	48022	6.66	ug/L	96
67) 1,2-Dichlorobenzene	11.651	146	46735	6.73	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	6261	6.81	ug/L	86
69) 1,3,5-Trichlorobenzene	12.654	180	33401	6.17	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	25373	5.46	ug/L	93
71) Naphthalene	13.512	128	54472	4.29	ug/L	98
72) 1,2,3-Trichlorobenzene	13.750	180	24019	5.12	ug/L	97

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

