

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021713.D
 Acq On : 02 Aug 2021 11:08
 Operator : SY/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200236

Quant Time: Aug 03 01:16:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	423093	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	401298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	220110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	514008	174.713	ug/L	0.00
7) Chloroethane-d5	1.545	69	416545	201.447	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	916471	184.223	ug/L	0.00
21) 2-Butanone-d5	3.866	46	972564	421.521	ug/L	0.00
24) Chloroform-d	4.346	84	1122304	197.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	660514	196.433	ug/L	0.00
32) Benzene-d6	5.050	84	2228383	189.874	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	713934	194.707	ug/L	0.00
41) Toluene-d8	7.316	98	2067861	190.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	373485	203.961	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	741985	447.760	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1018271	209.158	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	907048	200.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	541590	178.543	ug/L	99
3) Chloromethane	1.240	50	539398	187.969	ug/L	99
5) Vinyl chloride	1.307	62	541873	182.185	ug/L	100
6) Bromomethane	1.497	94	174194	113.358	ug/L	99
8) Chloroethane	1.564	64	325715	190.441	ug/L	99
9) Trichlorofluoromethane	1.741	101	785299	185.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	443471	184.800	ug/L	99
12) 1,1-Dichloroethene	2.111	96	411332	184.696	ug/L	89
13) Acetone	2.156	43	483484	325.262	ug/L	99
14) Carbon disulfide	2.288	76	1116709	169.880	ug/L	99
15) Methyl Acetate	2.423	43	623228	193.955	ug/L	99
16) Methylene chloride	2.500	84	543950	169.890	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	491130	185.685	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	1730413	191.777	ug/L	100
19) 1,1-Dichloroethane	3.185	63	948797	188.714	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	588469	191.336	ug/L	100
22) 2-Butanone	3.950	43	879688	391.731	ug/L	99
23) Bromochloromethane	4.243	128	310744	190.521	ug/L	99
25) Chloroform	4.371	83	986397	189.698	ug/L	99
27) 1,2-Dichloroethane	5.127	62	706179	188.963	ug/L	99
29) Cyclohexane	4.677	56	772993	176.636	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	879375	185.573	ug/L	99
31) Carbon tetrachloride	4.825	117	761095	186.513	ug/L	100
33) Benzene	5.098	78	2082026	183.669	ug/L	100
34) Trichloroethene	5.911	95	559285	181.013	ug/L	99
35) Methylcyclohexane	6.130	83	819564	179.676	ug/L	99
37) 1,2-Dichloropropane	6.172	63	559231	188.679	ug/L	100
38) Bromodichloromethane	6.509	83	778390	192.845	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	937070	196.194	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	1679609	384.491	ug/L	99
42) Toluene	7.387	91	2255325	184.353	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	885891	195.452	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	568031	189.149	ug/L	99
46) Tetrachloroethene	7.976	164	438697	183.715	ug/L	98
48) 2-Hexanone	8.140	43	1274580	380.913	ug/L	99
49) Dibromochloromethane	8.249	129	675830	198.942	ug/L	100
50) 1,2-Dibromoethane	8.352	107	612486	191.323	ug/L	99
51) Chlorobenzene	8.882	112	1516148	188.388	ug/L	100
52) Ethylbenzene	9.014	91	2494089	189.943	ug/L	100
53) m,p-Xylene	9.140	106	975232	191.598	ug/L	99
54) o-Xylene	9.545	106	969265	189.391	ug/L	100
55) Styrene	9.561	104	1681530	195.009	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	934973	203.840	ug/L	99
59) Bromoform	9.731	173	534766	197.873	ug/L	99
60) Isopropylbenzene	9.934	105	2553915	180.119	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	737852	181.705	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	2238066	187.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	2278445	188.094	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1284694	190.753	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	1288271	190.789	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	1306638	191.219	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	241194	216.010	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	1031257	206.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	938916	214.633	ug/L	100
71) Naphthalene	13.503	128	3022359	225.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	925247	208.752	ug/L	100

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

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