

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021710.D
 Acq On : 02 Aug 2021 09:56
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010233

Quant Time: Aug 03 01:14:52 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	5.619	114	420588	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	387728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	195328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27008	9.235	ug/L	0.00
7) Chloroethane-d5	1.561	69	22549	10.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	48605	9.828	ug/L	0.00
21) 2-Butanone-d5	3.886	46	44216	19.278	ug/L	0.01
24) Chloroform-d	4.352	84	57205	10.126	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	34144	10.215	ug/L	0.00
32) Benzene-d6	5.053	84	112960	9.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	35611	10.052	ug/L	0.00
41) Toluene-d8	7.320	98	103684	9.903	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	16367	9.251	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	26124	16.317	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	44165	9.389	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	41676	10.383	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	27875	9.244	ug/L	96
3) Chloromethane	1.243	50	28547	10.007	ug/L	98
5) Vinyl chloride	1.310	62	28973	9.799	ug/L	100
6) Bromomethane	1.513	94	17944	11.747	ug/L	96
8) Chloroethane	1.581	64	17658	10.386	ug/L	100
9) Trichlorofluoromethane	1.751	101	41914	9.949	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	23732	9.948	ug/L	99
12) 1,1-Dichloroethene	2.117	96	21283	9.613	ug/L	94
13) Acetone	2.159	43	32420	21.940	ug/L	100
14) Carbon disulfide	2.294	76	56184	8.598	ug/L	99
15) Methyl Acetate	2.429	43	31351	9.815	ug/L	98
16) Methylene chloride	2.507	84	29566	9.289	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	24883	9.464	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	88608	9.879	ug/L	98
19) 1,1-Dichloroethane	3.191	63	49648	9.934	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	29400	9.616	ug/L	96
22) 2-Butanone	3.969	43	40349	18.075	ug/L	99
23) Bromochloromethane	4.252	128	15981	9.856	ug/L	98
25) Chloroform	4.378	83	52256	10.109	ug/L	100
27) 1,2-Dichloroethane	5.137	62	36507	9.827	ug/L	99
29) Cyclohexane	4.680	56	39600	9.366	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	45375	9.911	ug/L	99
31) Carbon tetrachloride	4.831	117	38805	9.842	ug/L	97
33) Benzene	5.104	78	109144	9.965	ug/L	100
34) Trichloroethene	5.918	95	31626	10.594	ug/L	98
35) Methylcyclohexane	6.133	83	42314	9.601	ug/L	97
37) 1,2-Dichloropropane	6.178	63	27586	9.633	ug/L	99
38) Bromodichloromethane	6.513	83	38749	9.936	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	44318	9.604	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	82218	19.480	ug/L	98
42) Toluene	7.391	91	114892	9.720	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	41435	9.462	ug/L	99

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45) 1,1,2-Trichloroethane	7.844	97	29554	10.186	ug/L	97
46) Tetrachloroethene	7.979	164	22363	9.693	ug/L	94
48) 2-Hexanone	8.143	43	61766	19.105	ug/L	97
49) Dibromochloromethane	8.249	129	32097	9.779	ug/L	100
50) 1,2-Dibromoethane	8.355	107	30680	9.919	ug/L	98
51) Chlorobenzene	8.886	112	76482	9.836	ug/L	98
52) Ethylbenzene	9.014	91	124575	9.819	ug/L	97
53) m,p-Xylene	9.143	106	47834	9.727	ug/L	97
54) o-Xylene	9.545	106	49399	9.990	ug/L	97
55) Styrene	9.564	104	77519	9.305	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	40407	9.118	ug/L	99
59) Bromoform	9.735	173	21753	9.070	ug/L	100
60) Isopropylbenzene	9.934	105	126911	10.086	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	37280	10.345	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	105884	9.970	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	107338	9.985	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	59927	10.027	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	60314	10.066	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	61634	10.164	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8346	8.423	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	41798	9.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	33790	8.704	ug/L	99
71) Naphthalene	13.506	128	87766	7.381	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	33085	8.412	ug/L	99

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

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