

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021853.D
 Acq On : 18 Aug 2021 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050307

Quant Time: Aug 19 01:11:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	405090	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	379820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	205186	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162616	51.350	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.700%	
7) Chloroethane-d5	1.558	69	124428	52.066	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.140%	
11) 1,1-Dichloroethene-d2	2.105	63	241195	47.847	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.700%	
21) 2-Butanone-d5	3.867	46	218043	110.705	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.710%	
24) Chloroform-d	4.342	84	290941	53.027	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.060%	
26) 1,2-Dichloroethane-d4	5.027	65	168090	53.260	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.520%	
32) Benzene-d6	5.047	84	591472	54.153	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.300%	
36) 1,2-Dichloropropane-d6	6.066	67	182511	53.659	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.320%	
41) Toluene-d8	7.313	98	552073	54.686	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.380%	
43) trans-1,3-Dichloroprop...	7.619	79	86417	51.625	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.260%	
47) 2-Hexanone-d5	8.085	63	133506	119.760	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	119.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	243726	57.824	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	115.640%	
66) 1,2-Dichlorobenzene-d4	11.625	152	222429	52.381	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	160140	51.098	ug/L	100
3) Chloromethane	1.240	50	166994	51.309	ug/L	99
5) Vinyl chloride	1.307	62	165581	51.666	ug/L	99
6) Bromomethane	1.507	94	106209	55.136	ug/L	100
8) Chloroethane	1.577	64	101260	52.874	ug/L	99
9) Trichlorofluoromethane	1.748	101	231789	52.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	123141	48.981	ug/L	99
12) 1,1-Dichloroethene	2.114	96	113874	47.554	ug/L	94
13) Acetone	2.156	43	194054	119.741	ug/L #	100
14) Carbon disulfide	2.288	76	416805	51.731	ug/L	98
15) Methyl Acetate	2.423	43	169856	57.051	ug/L	98
16) Methylene chloride	2.503	84	165135	49.578	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	152732	54.355	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	468958	54.267	ug/L	99
19) 1,1-Dichloroethane	3.185	63	268593	53.698	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	166895	51.292	ug/L	97
22) 2-Butanone	3.950	43	272592	115.497	ug/L	98
23) Bromochloromethane	4.243	128	88317	51.160	ug/L	98
25) Chloroform	4.371	83	275059	51.107	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	194465	51.283	ug/L	100
29) Cyclohexane	4.674	56	241209	51.564	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	241179	50.745	ug/L	100
31) Carbon tetrachloride	4.825	117	207945	50.564	ug/L	100
33) Benzene	5.095	78	607363	51.964	ug/L	100
34) Trichloroethene	5.912	95	164380	48.940	ug/L	99
35) Methylcyclohexane	6.127	83	256203	52.284	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152253	51.444	ug/L	99
38) Bromodichloromethane	6.506	83	197815	50.712	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	236985	50.568	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	427115	104.914	ug/L	100
42) Toluene	7.387	91	653051	52.314	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	228894	51.827	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	155580	52.476	ug/L	98
46) Tetrachloroethene	7.976	164	130031	52.092	ug/L	99
48) 2-Hexanone	8.137	43	345302	109.497	ug/L	97
49) Dibromochloromethane	8.246	129	165984	50.707	ug/L	98
50) 1,2-Dibromoethane	8.352	107	166260	51.531	ug/L	100
51) Chlorobenzene	8.882	112	421221	51.680	ug/L	99
52) Ethylbenzene	9.011	91	696143	52.271	ug/L	99
53) m,p-Xylene	9.136	106	271301	52.563	ug/L	100
54) o-Xylene	9.545	106	269345	52.645	ug/L	97
55) Styrene	9.561	104	459823	53.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	228814	55.439	ug/L	99
59) Bromoform	9.731	173	117483	48.165	ug/L	100
60) Isopropylbenzene	9.931	105	703483	51.139	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	190244	50.171	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	590557	51.157	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	605729	51.606	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	341314	51.235	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	336891	50.663	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	343974	51.184	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	47289	51.294	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	248559	51.473	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	210785	52.047	ug/L	100
71) Naphthalene	13.503	128	626840	53.284	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	211336	51.945	ug/L	99

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

