

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021110.D
 Acq On : 23 Apr 2021 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050178

Quant Time: Apr 24 03:39:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 23 04:33:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	722384	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	720808	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	424673	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	248582	41.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.76%		
7) Chloroethane-d5	1.568	69	192837	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.32%		
11) 1,1-Dichloroethene-d2	2.108	63	496469	45.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.70%		
21) 2-Butanone-d5	3.896	46	288922	99.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.68%		
24) Chloroform-d	4.346	84	498839	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.28%		
26) 1,2-Dichloroethane-d4	5.031	65	324758	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.56%		
32) Benzene-d6	5.047	84	896339	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.38%		
36) 1,2-Dichloropropane-d6	6.069	67	270129	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.28%		
41) Toluene-d8	7.317	98	870180	46.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.68%		
43) trans-1,3-Dichloroprop...	7.622	79	148357	47.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.76%		
47) 2-Hexanone-d5	8.092	63	230394	101.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.38%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	406354	47.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.04%		
66) 1,2-Dichlorobenzene-d4	11.628	152	374000	44.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	367222	50.35	ug/L	100
3) Chloromethane	1.243	50	319996	50.97	ug/L	97
5) Vinyl chloride	1.311	62	331362	51.57	ug/L	100
6) Bromomethane	1.523	94	222139	51.31	ug/L	100
8) Chloroethane	1.587	64	192617	50.80	ug/L	98
9) Trichlorofluoromethane	1.754	101	574250	50.15	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	292118	51.43	ug/L	98
12) 1,1-Dichloroethene	2.118	96	254040	49.26	ug/L	93
13) Acetone	2.198	43	315611	116.57	ug/L	63
14) Carbon disulfide	2.294	76	704303	49.79	ug/L	100
15) Methyl Acetate	2.436	43	234517	52.37	ug/L	100
16) Methylene chloride	2.507	84	266219	49.50	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	249857	50.43	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	790286	51.96	ug/L	99
19) 1,1-Dichloroethane	3.188	63	465923	52.11	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	269320	50.93	ug/L	97
22) 2-Butanone	3.979	43	362011	115.45	ug/L	99
23) Bromochloromethane	4.246	128	154585	50.73	ug/L	98
25) Chloroform	4.371	83	523552	52.02	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	418373	52.21	ug/L	98
29) Cyclohexane	4.677	56	380688	51.90	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	493973	51.16	ug/L	100
31) Carbon tetrachloride	4.828	117	455943	51.12	ug/L	98
33) Benzene	5.098	78	1027385	51.13	ug/L	100
34) Trichloroethene	5.915	95	281836	50.68	ug/L	98
35) Methylcyclohexane	6.130	83	448394	53.65	ug/L	99
37) 1,2-Dichloropropane	6.172	63	255783	51.82	ug/L #	94
38) Bromodichloromethane	6.510	83	389823	50.68	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	424444	52.73	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	646291	108.33	ug/L	99
42) Toluene	7.387	91	1166088	52.86	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	439623	52.77	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	264010	49.25	ug/L	98
46) Tetrachloroethene	7.976	164	247996	49.86	ug/L	94
48) 2-Hexanone	8.140	43	539001	114.73	ug/L	99
49) Dibromochloromethane	8.249	129	336545	50.97	ug/L	99
50) 1,2-Dibromoethane	8.352	107	291452	50.29	ug/L	96
51) Chlorobenzene	8.883	112	776858	51.21	ug/L	97
52) Ethylbenzene	9.014	91	1287538	52.64	ug/L	100
53) m,p-Xylene	9.140	106	502859	53.95	ug/L	97
54) o-Xylene	9.548	106	490955	53.63	ug/L	98
55) Styrene	9.564	104	853813	55.21	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	425962	49.99	ug/L	97
59) Bromoform	9.735	173	245159	47.10	ug/L	99
60) Isopropylbenzene	9.934	105	1343725	52.93	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	358501	50.07	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	1146919	53.20	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	1181195	54.94	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	651178	51.49	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	664833	51.17	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	647662	49.61	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	104706	48.79	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	490172	49.84	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	408279	50.65	ug/L	98
71) Naphthalene	13.509	128	1192854	53.12	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	419893	51.05	ug/L	98

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

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