

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020695.D
 Acq On : 22 Mar 2021 12:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Mar 23 02:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	441942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	437531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	235872	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	175247	49.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.32%		
7) Chloroethane-d5	1.571	69	127645	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.52%		
11) 1,1-Dichloroethene-d2	2.111	63	297516	43.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.82%		
21) 2-Butanone-d5	3.892	46	229949	100.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.50%		
24) Chloroform-d	4.349	84	310054	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.08%		
26) 1,2-Dichloroethane-d4	5.034	65	201244	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.44%		
32) Benzene-d6	5.050	84	589023	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.44%		
36) 1,2-Dichloropropane-d6	6.072	67	186295	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.34%		
41) Toluene-d8	7.317	98	540117	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.54%		
43) trans-1,3-Dichloroprop...	7.622	79	96170	53.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.40%		
47) 2-Hexanone-d5	8.092	63	163732	113.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.15%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270041	55.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.74%		
64) 1,2-Dichlorobenzene-d4	11.628	152	216275	47.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	191047	52.36	ug/L	100
3) Chloromethane	1.243	50	204061	48.34	ug/L	98
5) Vinyl chloride	1.314	62	199599	47.17	ug/L	100
6) Bromomethane	1.523	94	113178	45.40	ug/L	100
8) Chloroethane	1.587	64	111321	43.35	ug/L	100
9) Trichlorofluoromethane	1.754	101	275317	48.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	142936	46.48	ug/L	96
12) 1,1-Dichloroethene	2.121	96	127445	42.72	ug/L	88
13) Acetone	2.188	43	178608	95.57	ug/L	96
14) Carbon disulfide	2.294	76	418874	46.30	ug/L	99
15) Methyl Acetate	2.436	43	183934	51.39	ug/L	99
16) Methylene chloride	2.507	84	165196	47.79	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	152291	47.78	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	486084	50.15	ug/L	99
19) 1,1-Dichloroethane	3.191	63	291828	47.99	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	166164	50.50	ug/L #	91
22) 2-Butanone	3.976	43	264722	102.41	ug/L	94
23) Bromochloromethane	4.249	128	86668	52.79	ug/L	91
25) Chloroform	4.375	83	301873	47.53	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	245116	48.86	ug/L	99
29) Cyclohexane	4.677	56	251669	46.97	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	265525	50.21	ug/L	97
31) Carbon tetrachloride	4.828	117	227726	53.01	ug/L	99
33) Benzene	5.101	78	643426	48.74	ug/L	100
34) Trichloroethene	5.915	95	163986	44.03	ug/L	97
35) Methylcyclohexane	6.133	83	254632	49.74	ug/L	98
37) 1,2-Dichloropropane	6.175	63	170556	49.48	ug/L	99
38) Bromodichloromethane	6.513	83	232811	51.29	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	253728	49.63	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	522949	100.87	ug/L	98
42) Toluene	7.387	91	696273	50.52	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	264278	52.58	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	167664	52.20	ug/L	99
46) Tetrachloroethene	7.976	164	126039	52.74	ug/L	98
48) 2-Hexanone	8.140	43	407080	100.53	ug/L	99
49) Dibromochloromethane	8.249	129	176343	52.73	ug/L	98
50) 1,2-Dibromoethane	8.355	107	175340	50.97	ug/L	99
51) Chlorobenzene	8.882	112	445251	49.95	ug/L	99
52) Ethylbenzene	9.014	91	782745	50.17	ug/L	100
53) m,p-Xylene	9.140	106	291884	51.23	ug/L	96
54) o-xylene	9.548	106	286237	51.90	ug/L	94
55) Styrene	9.564	104	515966	53.57	ug/L	96
56) Isopropylbenzene	9.934	105	781586	52.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	283938	59.52	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	218861	50.10	ug/L	99
61) Bromoform	9.735	173	124091	53.08	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	367049	49.00	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	375838	48.07	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	367116	49.24	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	59918	53.22	ug/L	85
67) 1,3,5-Trichlorobenzene	12.651	180	266209	49.90	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	238777	51.56	ug/L	98
69) Naphthalene	13.509	128	793067	52.67	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	238019	51.85	ug/L	99

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

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