

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
 Data File : VV020443.D
 Acq On : 03 Mar 2021 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Mar 04 00:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	536781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	535875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	322703	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	174262	44.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.06%		
7) Chloroethane-d5	1.568	69	146749	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.40%		
11) 1,1-Dichloroethene-d2	2.108	63	315203	42.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.22%		
21) 2-Butanone-d5	3.883	46	199300	91.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.15%		
24) Chloroform-d	4.346	84	352977	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.36%		
26) 1,2-Dichloroethane-d4	5.031	65	217296	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.44%		
32) Benzene-d6	5.050	84	682191	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.28%		
36) 1,2-Dichloropropane-d6	6.069	67	208508	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.62%		
41) Toluene-d8	7.317	98	655364	50.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.46%		
43) trans-1,3-Dichloroprop...	7.622	79	99921	47.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.58%		
47) 2-Hexanone-d5	8.088	63	150309	87.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.17%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	284188	47.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.50%		
64) 1,2-Dichlorobenzene-d4	11.632	152	303440	49.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.40%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	233643	48.95	ug/L	99
3) Chloromethane	1.243	50	199515	47.02	ug/L	100
5) Vinyl chloride	1.311	62	213995	46.84	ug/L	99
6) Bromomethane	1.523	94	139307	48.79	ug/L	97
8) Chloroethane	1.584	64	124641	43.62	ug/L	98
9) Trichlorofluoromethane	1.751	101	321412	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	181553	52.55	ug/L #	85
12) 1,1-Dichloroethene	2.118	96	166939	50.14	ug/L	69
13) Acetone	2.175	43	137148	88.86	ug/L	90
14) Carbon disulfide	2.294	76	425811	43.39	ug/L	100
15) Methyl Acetate	2.433	43	147198	44.82	ug/L #	88
16) Methylene chloride	2.507	84	185375	50.82	ug/L	84
17) trans-1,2-Dichloroethene	2.761	96	170096	49.27	ug/L	89
18) Methyl tert-butyl Ether	2.767	73	497683	47.47	ug/L #	93
19) 1,1-Dichloroethane	3.188	63	307483	49.03	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	189995	51.17	ug/L	81
22) 2-Butanone	3.966	43	202766	92.38	ug/L	92
23) Bromochloromethane	4.246	128	105982	52.79	ug/L #	75
25) Chloroform	4.375	83	344947	52.53	ug/L	98

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

27) 1,2-Dichloroethane	5.130	62	251610	48.39	ug/L #	95
29) Cyclohexane	4.677	56	242020	44.55	ug/L	89
30) 1,1,1-Trichloroethane	4.609	97	292965	49.24	ug/L	95
31) Carbon tetrachloride	4.828	117	258250	49.90	ug/L	98
33) Benzene	5.098	78	709887	49.54	ug/L	100
34) Trichloroethene	5.915	95	209437	53.19	ug/L	93
35) Methylcyclohexane	6.130	83	275862	46.27	ug/L	92
37) 1,2-Dichloropropane	6.175	63	177857	49.00	ug/L #	96
38) Bromodichloromethane	6.510	83	247032	49.52	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	278222	48.41	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	409271	89.44	ug/L #	91
42) Toluene	7.387	91	790997	50.19	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	269820	48.27	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	189583	50.75	ug/L	97
46) Tetrachloroethene	7.976	164	170742	53.06	ug/L	93
48) 2-Hexanone	8.140	43	318512	90.98	ug/L #	90
49) Dibromochloromethane	8.249	129	211773	51.38	ug/L	99
50) 1,2-Dibromoethane	8.355	107	197841	49.45	ug/L #	100
51) Chlorobenzene	8.883	112	532012	50.32	ug/L	94
52) Ethylbenzene	9.014	91	873893	50.20	ug/L	98
53) m,p-Xylene	9.140	106	337868	50.97	ug/L	94
54) o-xylene	9.548	106	328385	50.89	ug/L	94
55) Styrene	9.564	104	589883	53.12	ug/L	92
56) Isopropylbenzene	9.934	105	889110	51.35	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	263126	44.71	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	232238	47.72	ug/L	99
61) Bromoform	9.735	173	152751	46.52	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	471871	49.43	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	483837	49.43	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	473542	49.69	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	54829	37.50	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.651	180	367021	49.24	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	323424	48.90	ug/L	97
69) Naphthalene	13.509	128	887530	46.86	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	332559	50.50	ug/L	97

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

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