

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042271.D
 Acq On : 05 Feb 2021 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05010

Quant Time: Feb 06 07:58:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	182864	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	172415	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	94096	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69780	50.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.40%			
7) Chloroethane-d5	1.916	69	50806	53.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.66%			
11) 1,1-Dichloroethene-d2	2.575	63	150079	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.20%			
21) 2-Butanone-d5	4.639	46	141278	99.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.22%			
24) Chloroform-d	5.073	84	140857	50.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.92%			
26) 1,2-Dichloroethane-d4	5.713	65	99232	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.50%			
32) Benzene-d6	5.739	84	255337	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.94%			
36) 1,2-Dichloropropane-d6	6.700	67	83268	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.54%			
41) Toluene-d8	7.906	98	240821	50.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.50%			
43) trans-1,3-Dichloroprop...	8.189	79	45614	52.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.88%			
47) 2-Hexanone-d5	8.645	63	94282	99.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.65%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	123729	49.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.34%			
66) 1,2-Dichlorobenzene-d4	12.201	152	99822	50.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	78733	51.37	ug/L	98
3) Chloromethane	1.523	50	70011	50.03	ug/L	98
5) Vinyl chloride	1.607	62	69785	50.31	ug/L	99
6) Bromomethane	1.861	94	40472	52.10	ug/L	96
8) Chloroethane	1.938	64	40903	53.69	ug/L	98
9) Trichlorofluoromethane	2.144	101	110512	51.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	65959	51.45	ug/L	99
12) 1,1-Dichloroethene	2.588	96	59140	50.38	ug/L	92
13) Acetone	2.642	43	158842	123.50	ug/L	100
14) Carbon disulfide	2.800	76	178846	50.60	ug/L	99
15) Methyl Acetate	2.957	43	96884	48.98	ug/L	99
16) Methylene chloride	3.054	84	67188	50.61	ug/L	97
17) trans-1,2-Dichloroethene	3.362	96	62324	50.95	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	220554	50.12	ug/L	99
19) 1,1-Dichloroethane	3.880	63	129703	51.17	ug/L	99
20) cis-1,2-Dichloroethene	4.678	96	70681	51.41	ug/L	98
22) 2-Butanone	4.719	43	183604	110.24	ug/L	99
23) Bromochloromethane	4.983	128	36664	50.23	ug/L	98
25) Chloroform	5.099	83	132915	51.67	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	115011	50.57	ug/L	99
29) Cyclohexane	5.398	56	116305	50.63	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	120238	50.97	ug/L	99
31) Carbon tetrachloride	5.536	117	105447	51.96	ug/L	99
33) Benzene	5.784	78	264799	50.23	ug/L	100
34) Trichloroethene	6.552	95	70158	50.80	ug/L	99
35) Methylcyclohexane	6.771	83	109220	51.32	ug/L	100
37) 1,2-Dichloropropane	6.800	63	75118	50.89	ug/L	100
38) Bromodichloromethane	7.115	83	100217	50.52	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	117662	51.19	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	287426	98.63	ug/L	99
42) Toluene	7.980	91	287243	51.00	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	117219	51.76	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	68173	50.36	ug/L	98
46) Tetrachloroethene	8.562	164	57465	52.66	ug/L	99
48) 2-Hexanone	8.697	43	250431	106.14	ug/L	99
49) Dibromochloromethane	8.819	129	80674	51.16	ug/L	100
50) 1,2-Dibromoethane	8.931	107	76278	50.25	ug/L	97
51) Chlorobenzene	9.456	112	180194	50.42	ug/L	99
52) Ethylbenzene	9.578	91	322061	51.35	ug/L	99
53) m,p-Xylene	9.703	106	118983	50.90	ug/L	100
54) o-xylene	10.108	106	117933	50.72	ug/L	100
55) Styrene	10.124	104	202701	51.00	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	122402	49.67	ug/L	99
59) Bromoform	10.301	173	66475	50.37	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	102380	49.36	ug/L	99
61) Isopropylbenzene	10.491	105	321587	51.34	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	280044	51.67	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	281018	51.46	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	150100	50.82	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	150748	50.11	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	154924	51.04	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.008	75	35555	51.53	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	119482	52.48	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	102252	53.54	ug/L	99
71) Naphthalene	14.095	128	321177	53.27	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	100424	51.72	ug/L	99

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

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