

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042988.D
 Acq On : 08 Apr 2021 13:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV303

Quant Time: Apr 09 02:43:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 02:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	213012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	207894	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	111657	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	78667	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.38%			
7) Chloroethane-d5	1.916	69	64646	53.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.28%			
11) 1,1-Dichloroethene-d2	2.575	63	160645	48.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.28%			
21) 2-Butanone-d5	4.632	46	168719	96.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.31%			
24) Chloroform-d	5.073	84	152137	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.78%			
26) 1,2-Dichloroethane-d4	5.713	65	108196	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.08%			
32) Benzene-d6	5.735	84	275228	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%			
36) 1,2-Dichloropropane-d6	6.700	67	92967	47.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.88%			
41) Toluene-d8	7.906	98	269122	46.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.44%			
43) trans-1,3-Dichloroprop...	8.185	79	49943	48.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.34%			
47) 2-Hexanone-d5	8.642	63	110756	94.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.62%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	144694	45.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.74%			
66) 1,2-Dichlorobenzene-d4	12.201	152	110726	46.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.78%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	86478	52.00	ug/L	98
3) Chloromethane	1.523	50	83249	48.43	ug/L	100
5) Vinyl chloride	1.607	62	80401	48.39	ug/L	91
6) Bromomethane	1.861	94	56305	56.31	ug/L	98
8) Chloroethane	1.935	64	56462	53.81	ug/L	98
9) Trichlorofluoromethane	2.144	101	132331	47.37	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	73288	48.55	ug/L	100
12) 1,1-Dichloroethene	2.588	96	66416	49.26	ug/L	98
13) Acetone	2.639	43	149319	101.51	ug/L	100
14) Carbon disulfide	2.800	76	210026	49.82	ug/L	100
15) Methyl Acetate	2.954	43	121133	48.49	ug/L	100
16) Methylene chloride	3.054	84	75572	48.05	ug/L	98
17) trans-1,2-Dichloroethene	3.362	96	69533	48.07	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	245107	48.65	ug/L	100
19) 1,1-Dichloroethane	3.880	63	146040	48.99	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	76723	47.82	ug/L	97
22) 2-Butanone	4.713	43	201721	96.23	ug/L	100
23) Bromochloromethane	4.983	128	41795	48.97	ug/L	98
25) Chloroform	5.099	83	148480	47.72	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	131657	46.51	ug/L	99
29) Cyclohexane	5.398	56	132502	49.52	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	133734	48.16	ug/L	99
31) Carbon tetrachloride	5.533	117	115827	47.59	ug/L	99
33) Benzene	5.784	78	301254	47.61	ug/L	100
34) Trichloroethene	6.549	95	79503	48.55	ug/L	99
35) Methylcyclohexane	6.771	83	125373	49.30	ug/L	99
37) 1,2-Dichloropropane	6.800	63	84453	48.02	ug/L	99
38) Bromodichloromethane	7.115	83	112678	47.66	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	131051	49.49	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	356347	96.31	ug/L	99
42) Toluene	7.976	91	337137	48.29	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	133143	49.17	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	78307	47.71	ug/L	99
46) Tetrachloroethene	8.562	164	64853	47.86	ug/L	98
48) 2-Hexanone	8.693	43	299608	96.09	ug/L	99
49) Dibromochloromethane	8.816	129	89467	46.23	ug/L	98
50) 1,2-Dibromoethane	8.931	107	88623	47.90	ug/L	98
51) Chlorobenzene	9.452	112	209981	48.26	ug/L	99
52) Ethylbenzene	9.578	91	377039	48.56	ug/L	99
53) m,p-Xylene	9.700	106	140169	48.91	ug/L	99
54) o-xylene	10.108	106	136869	48.18	ug/L	96
55) Styrene	10.121	104	237671	48.93	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	149302	46.25	ug/L	98
59) Bromoform	10.298	173	75911	48.27	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	123184	46.49	ug/L	99
61) Isopropylbenzene	10.491	105	374969	49.57	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	326529	50.21	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	338714	50.20	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	176708	47.66	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	178236	47.33	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	178696	46.93	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	42973	47.02	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	144461	48.83	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	127908	51.02	ug/L	99
71) Naphthalene	14.092	128	425081	54.71	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	128842	50.78	ug/L	99

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

