

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043718.D
 Acq On : 13 May 2021 22:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV305

Quant Time: May 14 04:38:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	498298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	479984	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	255541	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	200598	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.909	69	144295	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.571	63	347071	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.82%
21) 2-Butanone-d5	4.626	46	333043	103.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.19%
24) Chloroform-d	5.073	84	342648	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.710	65	210926	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
32) Benzene-d6	5.735	84	713258	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.697	67	231021	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.906	98	651099	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%
43) trans-1,3-Dichloroprop...	8.185	79	103664	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
47) 2-Hexanone-d5	8.639	63	235528	106.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.01%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	344293	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
66) 1,2-Dichlorobenzene-d4	12.198	152	252866	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	200728	47.86	ug/L	100
3) Chloromethane	1.523	50	236200	46.58	ug/L	100
5) Vinyl chloride	1.607	62	234475	47.56	ug/L	100
6) Bromomethane	1.845	94	135914	56.54	ug/L	99
8) Chloroethane	1.932	64	133728	47.92	ug/L	98
9) Trichlorofluoromethane	2.141	101	268592	48.20	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	173450	47.56	ug/L	98
12) 1,1-Dichloroethene	2.584	96	172342	47.91	ug/L	98
13) Acetone	2.629	43	223467	99.17	ug/L	98
14) Carbon disulfide	2.800	76	550292	48.45	ug/L	100
15) Methyl Acetate	2.951	43	252707	49.42	ug/L	100
16) Methylene chloride	3.051	84	228503	42.41	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	180573	48.52	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	560897	49.69	ug/L	100
19) 1,1-Dichloroethane	3.877	63	350350	48.16	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	200646	48.94	ug/L	97
22) 2-Butanone	4.706	43	374574	100.99	ug/L	99
23) Bromochloromethane	4.983	128	107459	48.30	ug/L	94
25) Chloroform	5.095	83	342134	48.02	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	264190	48.11	ug/L	99
29) Cyclohexane	5.398	56	324006	50.71	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	281988	48.74	ug/L	100
31) Carbon tetrachloride	5.533	117	232563	48.96	ug/L	99
33) Benzene	5.780	78	796922	49.11	ug/L	100
34) Trichloroethene	6.549	95	191649	48.56	ug/L	97
35) Methylcyclohexane	6.771	83	311418	49.92	ug/L	99
37) 1,2-Dichloropropane	6.796	63	215239	48.57	ug/L	100
38) Bromodichloromethane	7.111	83	251809	47.99	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	300542	49.66	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	676145	101.38	ug/L	100
42) Toluene	7.976	91	842324	49.66	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	284327	49.95	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	196981	48.26	ug/L	99
46) Tetrachloroethene	8.558	164	151374	48.75	ug/L	100
48) 2-Hexanone	8.690	43	555222	103.67	ug/L	100
49) Dibromochloromethane	8.816	129	202539	48.37	ug/L	100
50) 1,2-Dibromoethane	8.931	107	209184	49.32	ug/L	100
51) Chlorobenzene	9.452	112	507778	48.34	ug/L	99
52) Ethylbenzene	9.578	91	876948	50.09	ug/L	99
53) m,p-Xylene	9.700	106	335207	50.57	ug/L	99
54) o-xylene	10.105	106	334997	51.08	ug/L	99
55) Styrene	10.121	104	564487	51.04	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	357238	48.01	ug/L	99
59) Bromoform	10.298	173	161442	48.34	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	289586	48.55	ug/L	100
61) Isopropylbenzene	10.491	105	846554	50.71	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	721817	52.08	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	734128	52.74	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	403036	49.65	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	405449	48.96	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	417259	49.35	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	82879	50.75	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	299874	49.84	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	259225	50.44	ug/L	99
71) Naphthalene	14.092	128	928827	54.17	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	278779	51.52	ug/L	100

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

