

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042416.D
 Acq On : 23 Feb 2021 13:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050163

Quant Time: Feb 24 03:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	217330	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	205230	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	115503	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	73710	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.14%
7) Chloroethane-d5	1.916	69	60238	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.575	63	168426	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.50%
21) 2-Butanone-d5	4.636	46	162752	96.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	5.073	84	165141	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
26) 1,2-Dichloroethane-d4	5.710	65	117027	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.735	84	295251	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.700	67	98582	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	7.906	98	284087	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloroprop...	8.185	79	52970	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.32%
47) 2-Hexanone-d5	8.642	63	109385	97.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.13%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	146824	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
66) 1,2-Dichlorobenzene-d4	12.201	152	119451	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	89668	49.23	ug/L	98
3) Chloromethane	1.523	50	82830	49.81	ug/L	99
5) Vinyl chloride	1.607	62	83960	50.93	ug/L	97
6) Bromomethane	1.861	94	52145	56.48	ug/L	98
8) Chloroethane	1.935	64	52432	57.91	ug/L	98
9) Trichlorofluoromethane	2.141	101	137261	53.97	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79159	51.95	ug/L	99
12) 1,1-Dichloroethene	2.588	96	70596	50.60	ug/L	98
13) Acetone	2.639	43	186014	121.69	ug/L	100
14) Carbon disulfide	2.803	76	205640	48.95	ug/L	99
15) Methyl Acetate	2.957	43	114973	48.91	ug/L	100
16) Methylene chloride	3.054	84	79534	50.41	ug/L	99
17) trans-1,2-Dichloroethene	3.363	96	74262	51.08	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	267007	51.05	ug/L	99
19) 1,1-Dichloroethane	3.880	63	152576	50.65	ug/L	98
20) cis-1,2-Dichloroethene	4.678	96	84645	51.80	ug/L	96
22) 2-Butanone	4.716	43	212327	107.27	ug/L	99
23) Bromochloromethane	4.983	128	44067	50.80	ug/L	96
25) Chloroform	5.099	83	158623	51.89	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	140511	51.98	ug/L	99
29) Cyclohexane	5.398	56	138084	50.50	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	142711	50.82	ug/L	99
31) Carbon tetrachloride	5.536	117	122699	50.79	ug/L	100
33) Benzene	5.784	78	317735	50.64	ug/L	100
34) Trichloroethene	6.549	95	85932	52.27	ug/L	97
35) Methylcyclohexane	6.771	83	131919	52.08	ug/L	98
37) 1,2-Dichloropropane	6.800	63	89391	50.88	ug/L	100
38) Bromodichloromethane	7.115	83	120314	50.95	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	140767	51.45	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	346657	99.93	ug/L	98
42) Toluene	7.976	91	348184	51.94	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	140654	52.18	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	83019	51.52	ug/L	99
46) Tetrachloroethene	8.562	164	69955	53.85	ug/L	98
48) 2-Hexanone	8.694	43	297769	106.02	ug/L	98
49) Dibromochloromethane	8.819	129	97467	51.93	ug/L	98
50) 1,2-Dibromoethane	8.931	107	92507	51.20	ug/L	99
51) Chlorobenzene	9.456	112	220362	51.80	ug/L	99
52) Ethylbenzene	9.578	91	395843	53.02	ug/L	100
53) m,p-Xylene	9.700	106	145496	52.29	ug/L	99
54) o-xylene	10.108	106	146904	53.08	ug/L	97
55) Styrene	10.121	104	246355	52.07	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	148928	50.77	ug/L	100
59) Bromoform	10.298	173	80543	49.72	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	125106	49.14	ug/L	99
61) Isopropylbenzene	10.491	105	396946	51.63	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	343223	51.59	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	347699	51.88	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	183261	50.55	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	185157	50.14	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	187867	50.42	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	41779	49.33	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	147416	52.75	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	126335	53.89	ug/L	99
71) Naphthalene	14.095	128	392388	53.02	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	125051	52.47	ug/L	100

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

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