

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042284.D
 Acq On : 05 Feb 2021 18:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Quant Time: Feb 06 07:27:41 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	6.256	114	180415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	168470	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	89700	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65535	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.916	69	48508	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.575	63	144599	49.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.80%
21) 2-Butanone-d5	4.636	46	141312	100.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.59%
24) Chloroform-d	5.073	84	138771	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.710	65	97807	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
32) Benzene-d6	5.736	84	247479	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.700	67	81909	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.906	98	232323	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloroprop...	8.189	79	43166	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.56%
47) 2-Hexanone-d5	8.642	63	93405	101.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.03%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	122272	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
66) 1,2-Dichlorobenzene-d4	12.201	152	94995	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	75363	49.84	ug/L	98
3) Chloromethane	1.523	50	70785	51.27	ug/L	100
5) Vinyl chloride	1.607	62	70047	51.18	ug/L	100
6) Bromomethane	1.861	94	40187	52.44	ug/L	98
8) Chloroethane	1.935	64	41282	54.93	ug/L	100
9) Trichlorofluoromethane	2.141	101	110052	52.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	63454	50.16	ug/L	99
12) 1,1-Dichloroethene	2.585	96	60066	51.86	ug/L	90
13) Acetone	2.642	43	99092	78.09	ug/L	99
14) Carbon disulfide	2.800	76	175306	50.27	ug/L	100
15) Methyl Acetate	2.958	43	101205	51.86	ug/L	99
16) Methylene chloride	3.054	84	67851	51.81	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	61748	51.17	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	226849	52.25	ug/L	99
19) 1,1-Dichloroethane	3.877	63	130968	52.37	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	70116	51.69	ug/L	100
22) 2-Butanone	4.716	43	154958	94.30	ug/L	99
23) Bromochloromethane	4.983	128	37606	52.22	ug/L	98
25) Chloroform	5.099	83	132658	52.27	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	118268	52.71	ug/L	100
29) Cyclohexane	5.398	56	115052	51.26	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	120473	52.26	ug/L	99
31) Carbon tetrachloride	5.533	117	103163	52.03	ug/L	98
33) Benzene	5.784	78	270243	52.47	ug/L	100
34) Trichloroethene	6.549	95	70719	52.40	ug/L	100
35) Methylcyclohexane	6.771	83	107768	51.83	ug/L	99
37) 1,2-Dichloropropane	6.800	63	74705	51.80	ug/L	99
38) Bromodichloromethane	7.115	83	100336	51.76	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	117135	52.15	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	295171	103.65	ug/L	99
42) Toluene	7.977	91	288230	52.38	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	116128	52.48	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	68601	51.86	ug/L	99
46) Tetrachloroethene	8.562	164	57112	53.56	ug/L	98
48) 2-Hexanone	8.694	43	234728	101.81	ug/L	98
49) Dibromochloromethane	8.819	129	81649	52.99	ug/L	97
50) 1,2-Dibromoethane	8.932	107	77769	52.43	ug/L	97
51) Chlorobenzene	9.456	112	179125	51.29	ug/L	98
52) Ethylbenzene	9.578	91	317949	51.88	ug/L	98
53) m,p-Xylene	9.700	106	117123	51.28	ug/L	98
54) o-xylene	10.108	106	118776	52.28	ug/L	98
55) Styrene	10.121	104	201965	52.00	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	124317	51.63	ug/L	100
59) Bromoform	10.298	173	65365	51.96	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	103566	52.38	ug/L	100
61) Isopropylbenzene	10.491	105	319194	53.46	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	274007	53.03	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	272710	52.39	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	146960	52.19	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	145983	50.91	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	151659	52.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	34272	52.10	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	114442	52.73	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	100983	55.47	ug/L	99
71) Naphthalene	14.095	128	317497	55.24	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	99443	53.73	ug/L	100

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

