

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039656.D
 Acq On : 24 Jul 2020 11:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05040

Quant Time: Jul 25 06:43:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	225976	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	222676	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	123519	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	75196	51.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.22%
7) Chloroethane-d5	1.92	69	82954	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.10%
11) 1,1-Dichloroethene-d2	2.58	63	160451	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.04%
21) 2-Butanone-d5	4.65	46	170369	100.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.31%
24) Chloroform-d	5.08	84	170426	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
26) 1,2-Dichloroethane-d4	5.72	65	115601	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.74	84	321612	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.70	67	103658	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.91	98	306504	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%
43) trans-1,3-Dichloropropene-	8.19	79	52618	51.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.82%
47) 2-Hexanone-d5	8.64	63	115640	104.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.55%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	164381	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	12.19	152	137516	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	80721	52.444 ug/L	99
3) Chloromethane	1.53	50	76648	47.923 ug/L	98
5) Vinyl chloride	1.61	62	81326	50.044 ug/L	99
6) Bromomethane	1.87	94	60770	49.767 ug/L	99
8) Chloroethane	1.94	64	67676	46.828 ug/L	100
9) Trichlorofluoromethane	2.15	101	151408	52.721 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	73050	52.846 ug/L	99
12) 1,1-Dichloroethene	2.59	96	67347	52.243 ug/L	94
13) Acetone	2.65	43	138469	122.511 ug/L	100
14) Carbon disulfide	2.81	76	210705	51.082 ug/L	99
15) Methyl Acetate	2.96	43	100493	49.630 ug/L	100
16) Methylene chloride	3.06	84	78298	50.717 ug/L	93
17) trans-1,2-Dichloroethene	3.37	96	72373	50.453 ug/L	94
18) Methyl tert-butyl Ether	3.38	73	239980	51.771 ug/L	99
19) 1,1-Dichloroethane	3.89	63	141689	50.615 ug/L	94
20) cis-1,2-Dichloroethene	4.68	96	82469	50.306 ug/L	96
22) 2-Butanone	4.73	43	174175	109.347 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	42061	51.052	ug/L	98
25) Chloroform	5.11	83	149541	48.161	ug/L	99
27) 1,2-Dichloroethane	5.81	62	124790	48.468	ug/L	98
29) Cyclohexane	5.40	56	128945	53.301	ug/L	99
30) 1,1,1-Trichloroethane	5.33	97	133575	50.107	ug/L	98
31) Carbon tetrachloride	5.54	117	118900	53.770	ug/L	98
33) Benzene	5.79	78	312913	50.987	ug/L	100
34) Trichloroethene	6.56	95	87626	53.981	ug/L	97
35) Methylcyclohexane	6.77	83	134275	53.498	ug/L	99
37) 1,2-Dichloropropane	6.80	63	83475	50.240	ug/L	100
38) Bromodichloromethane	7.12	83	115726	52.445	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	128458	51.733	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	294602	101.775	ug/L	100
42) Toluene	7.98	91	349821	51.833	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	131548	54.097	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	80021	50.503	ug/L	99
46) Tetrachloroethene	8.56	164	63463	51.687	ug/L	98
48) 2-Hexanone	8.69	43	257891	109.340	ug/L	100
49) Dibromochloromethane	8.82	129	92663	51.795	ug/L	99
50) 1,2-Dibromoethane	8.93	107	91128	51.695	ug/L	100
51) Chlorobenzene	9.45	112	224452	52.120	ug/L	98
52) Ethylbenzene	9.57	91	398704	53.459	ug/L	99
53) m,p-Xylene	9.70	106	152480	54.238	ug/L	94
54) o-xylene	10.10	106	146988	54.482	ug/L	98
55) Styrene	10.11	104	260860	55.874	ug/L	98
56) Isopropylbenzene	10.48	105	404391	55.213	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	146535	50.739	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	122088	50.640	ug/L	99
61) Bromoform	10.29	173	74020	50.661	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	196335	51.890	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	199797	52.710	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	199161	52.090	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	38325	50.108	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	148951	54.588	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	130369	56.300	ug/L	97
69) Naphthalene	14.08	128	404432	58.220	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	128676	55.007	ug/L	100

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

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