

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
 Data File : VU033343.D
 Acq On : 19 Jul 2019 17:57
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Jul 19 22:58:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 22:54:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	286188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108344	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.02%
7) Chloroethane-d5	1.67	69	98081	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.26	63	198513	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
21) 2-Butanone-d5	4.15	46	169279	123.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.32%
24) Chloroform-d	4.62	84	192459	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
26) 1,2-Dichloroethane-d4	5.29	65	123246	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
32) Benzene-d6	5.32	84	382231	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
36) 1,2-Dichloropropane-d6	6.31	67	122351	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.70%
41) Toluene-d8	7.55	98	353435	53.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.64%
43) trans-1,3-Dichloropropene-	7.83	79	61464	56.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.38%
47) 2-Hexanone-d5	8.29	63	123460	122.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185521	54.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	138358	53.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	133785	47.172 ug/L	99
3) Chloromethane	1.32	50	138644	49.621 ug/L	100
5) Vinyl chloride	1.40	62	157708	48.834 ug/L	100
6) Bromomethane	1.61	94	97374	48.365 ug/L	98
8) Chloroethane	1.69	64	96475	49.389 ug/L	97
9) Trichlorofluoromethane	1.87	101	208725	49.151 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	96830	49.595 ug/L	98
12) 1,1-Dichloroethene	2.27	96	92393	48.368 ug/L	97
13) Acetone	2.31	43	132704	77.374 ug/L	99
14) Carbon disulfide	2.46	76	267285	45.751 ug/L	100
15) Methyl Acetate	2.60	43	124432	55.557 ug/L	98
16) Methylene chloride	2.68	84	110960	50.876 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	98710	49.999 ug/L	98
18) Methyl tert-butyl Ether	2.98	73	325044	53.340 ug/L	100
19) 1,1-Dichloroethane	3.42	63	195050	51.397 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	114146	51.259 ug/L	99
22) 2-Butanone	4.23	43	182875	95.983 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	58325	51.149	ug/L	95
25) Chloroform	4.65	83	204707	50.719	ug/L	99
27) 1,2-Dichloroethane	5.38	62	164281	52.564	ug/L	99
29) Cyclohexane	4.97	56	169058	54.653	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	169558	51.197	ug/L	100
31) Carbon tetrachloride	5.11	117	150155	51.808	ug/L	98
33) Benzene	5.37	78	436581	52.736	ug/L	100
34) Trichloroethene	6.16	95	109555	50.600	ug/L	97
35) Methylcyclohexane	6.40	83	177876	53.632	ug/L	99
37) 1,2-Dichloropropane	6.41	63	119330	53.150	ug/L	99
38) Bromodichloromethane	6.74	83	150532	51.978	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	185335	53.840	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	341658	113.438	ug/L	98
42) Toluene	7.62	91	479259	53.697	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	168476	54.269	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	111294	52.413	ug/L	99
46) Tetrachloroethene	8.21	164	86250	51.460	ug/L	98
48) 2-Hexanone	8.34	43	273121	111.311	ug/L	99
49) Dibromochloromethane	8.46	129	121724	51.390	ug/L	99
50) 1,2-Dibromoethane	8.57	107	121762	52.593	ug/L	97
51) Chlorobenzene	9.10	112	304122	52.204	ug/L	100
52) Ethylbenzene	9.23	91	518543	54.294	ug/L	99
53) m,p-Xylene	9.36	106	195797	54.125	ug/L	100
54) o-xylene	9.76	106	195936	54.548	ug/L	96
55) Styrene	9.77	104	331193	54.384	ug/L	97
56) Isopropylbenzene	10.15	105	507963	54.956	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	193483	51.875	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	153419	52.490	ug/L	100
61) Bromoform	9.94	173	86939	49.381	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	231743	52.223	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	233924	50.417	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	235195	51.680	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	42070	48.434	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	168844	52.649	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	148998	53.191	ug/L	99
69) Naphthalene	13.73	128	504330	56.152	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	153714	50.545	ug/L	100

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

