

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033611.D
 Acq On : 06 Aug 2019 16:09
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Aug 07 05:31:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 05:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	312538	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	312659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81755	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.86%
7) Chloroethane-d5	1.67	69	76331	34.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.58%#
11) 1,1-Dichloroethene-d2	2.26	63	170347	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.08%
21) 2-Butanone-d5	4.14	46	161870	100.04	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.62	84	178049	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
26) 1,2-Dichloroethane-d4	5.28	65	112583	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.32	84	340274	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.31	67	110617	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.55	98	313480	44.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.12%
43) trans-1,3-Dichloropropene-	7.83	79	54974	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.29	63	118720	99.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185653	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	138620	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	137463	51.434	ug/L 100
3) Chloromethane	1.32	50	144271	49.808	ug/L 99
5) Vinyl chloride	1.40	62	155963	49.212	ug/L 99
6) Bromomethane	1.61	94	99010	39.110	ug/L 98
8) Chloroethane	1.69	64	95537	38.335	ug/L 98
9) Trichlorofluoromethane	1.87	101	210794	51.000	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	107210	51.072	ug/L 99
12) 1,1-Dichloroethene	2.27	96	100750	49.356	ug/L 97
13) Acetone	2.30	43	161235	100.042	ug/L 99
14) Carbon disulfide	2.46	76	311618	49.248	ug/L 100
15) Methyl Acetate	2.60	43	130656	49.649	ug/L 100
16) Methylene chloride	2.68	84	122912	51.611	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	109064	50.081	ug/L 99
18) Methyl tert-butyl Ether	2.98	73	339299	50.310	ug/L 99
19) 1,1-Dichloroethane	3.42	63	210057	51.244	ug/L 97
20) cis-1,2-Dichloroethene	4.20	96	125422	52.214	ug/L 100
22) 2-Butanone	4.23	43	205902	101.711	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	64311	51.199	ug/L	98
25) Chloroform	4.65	83	221093	52.200	ug/L	100
27) 1,2-Dichloroethane	5.38	62	170977	51.669	ug/L	99
29) Cyclohexane	4.97	56	176730	49.631	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	183668	50.218	ug/L	99
31) Carbon tetrachloride	5.11	117	162831	50.719	ug/L	100
33) Benzene	5.37	78	467844	50.265	ug/L	100
34) Trichloroethene	6.16	95	117828	49.150	ug/L	99
35) Methylcyclohexane	6.40	83	192007	50.877	ug/L	99
37) 1,2-Dichloropropane	6.41	63	127950	50.334	ug/L	100
38) Bromodichloromethane	6.74	83	163136	50.914	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	197099	50.987	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	358884	98.657	ug/L	99
42) Toluene	7.62	91	509038	51.191	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	177516	51.033	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	120982	50.866	ug/L	99
46) Tetrachloroethene	8.21	164	98786	50.225	ug/L	99
48) 2-Hexanone	8.34	43	295552	101.738	ug/L	99
49) Dibromochloromethane	8.46	129	135559	50.712	ug/L	97
50) 1,2-Dibromoethane	8.57	107	130690	50.168	ug/L	97
51) Chlorobenzene	9.10	112	323633	49.843	ug/L	100
52) Ethylbenzene	9.23	91	548143	50.842	ug/L	99
53) m,p-Xylene	9.36	106	212334	51.716	ug/L	100
54) o-xylene	9.76	106	206778	51.416	ug/L	96
55) Styrene	9.77	104	360829	52.838	ug/L	98
56) Isopropylbenzene	10.15	105	540272	52.074	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	214982	50.548	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	168414	50.584	ug/L	100
61) Bromoform	9.94	173	105659	49.937	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	264850	49.673	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	265543	48.750	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	264937	49.821	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	46970	46.868	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	197516	48.115	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	166716	47.608	ug/L	99
69) Naphthalene	13.73	128	491865	48.331	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	177668	47.695	ug/L	99

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

