

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
 Data File : VU035617.D
 Acq On : 05 Nov 2019 09:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Nov 06 03:02:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 04 11:18:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	706265	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	687857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	312763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	236119	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.78%
7) Chloroethane-d5	1.93	69	203484	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.34%
11) 1,1-Dichloroethene-d2	2.60	63	393863	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
21) 2-Butanone-d5	4.69	46	323065	96.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.96%
24) Chloroform-d	5.11	84	419878	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.75	65	249998	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.77	84	849931	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	278931	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.93	98	813203	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	8.21	79	132989	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.68	63	224631	100.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	395164	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	12.22	152	292199	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	268122	48.679	ug/L 99
3) Chloromethane	1.54	50	293194	48.843	ug/L 100
5) Vinyl chloride	1.62	62	305232	47.258	ug/L 100
6) Bromomethane	1.87	94	157655	48.191	ug/L 99
8) Chloroethane	1.95	64	177354	47.212	ug/L 98
9) Trichlorofluoromethane	2.16	101	375361	49.061	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	221051	50.326	ug/L 99
12) 1,1-Dichloroethene	2.61	96	205247	47.574	ug/L 97
13) Acetone	2.66	43	357264	121.867	ug/L 99
14) Carbon disulfide	2.82	76	595609	44.810	ug/L 99
15) Methyl Acetate	2.99	43	251209	47.310	ug/L 98
16) Methylene chloride	3.08	84	249749	47.444	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	217013	47.765	ug/L 97
18) Methyl tert-butyl Ether	3.42	73	689163	50.172	ug/L 99
19) 1,1-Dichloroethane	3.92	63	424915	48.484	ug/L 99
20) cis-1,2-Dichloroethene	4.72	96	249330	48.655	ug/L 95
22) 2-Butanone	4.77	43	411990	106.460	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	134073	49.512	ug/L	99
25) Chloroform	5.14	83	431734	48.505	ug/L	99
27) 1,2-Dichloroethane	5.84	62	317203	48.779	ug/L	99
29) Cyclohexane	5.43	56	347594	49.543	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	363030	50.213	ug/L	99
31) Carbon tetrachloride	5.57	117	322363	50.146	ug/L	99
33) Benzene	5.82	78	951154	49.202	ug/L	100
34) Trichloroethene	6.58	95	236631	48.148	ug/L	98
35) Methylcyclohexane	6.80	83	348799	48.867	ug/L	99
37) 1,2-Dichloropropane	6.83	63	257351	49.711	ug/L	100
38) Bromodichloromethane	7.14	83	322475	49.006	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	395650	51.417	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	659704	95.253	ug/L	98
42) Toluene	8.00	91	1041659	51.411	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	356190	50.499	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	242923	48.956	ug/L	99
46) Tetrachloroethene	8.58	164	208186	50.660	ug/L	98
48) 2-Hexanone	8.73	43	551760	97.967	ug/L	92
49) Dibromochloromethane	8.84	129	281928	50.382	ug/L	100
50) 1,2-Dibromoethane	8.96	107	265793	50.205	ug/L	98
51) Chlorobenzene	9.48	112	671037	49.610	ug/L	99
52) Ethylbenzene	9.60	91	1092587	50.442	ug/L	98
53) m,p-Xylene	9.72	106	425498	52.351	ug/L	95
54) o-xylene	10.13	106	417111	52.506	ug/L	100
55) Styrene	10.14	104	697571	52.911	ug/L	97
56) Isopropylbenzene	10.51	105	1045222	52.358	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	419657	49.100	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	328327	48.640	ug/L	99
61) Bromoform	10.32	173	222091	46.545	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	473109	47.950	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	464022	46.294	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	472804	47.069	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	69683	44.743	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	250069	43.870	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	139382	36.503	ug/L	99
69) Naphthalene	14.11	128	329899	33.684	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	154115	37.460	ug/L	98

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

