

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101019\
 Data File : VU035032.D
 Acq On : 10 Oct 2019 01:18
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Oct 10 04:52:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 04:46:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	399842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	395889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	186474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145759	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	117989	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.26	63	269387	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
21) 2-Butanone-d5	4.15	46	227028	95.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.90%
24) Chloroform-d	4.62	84	258325	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
26) 1,2-Dichloroethane-d4	5.29	65	169548	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.32	84	533488	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.31	67	177597	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.54	98	495817	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.83	79	74338	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.29	63	152617	87.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	251739	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.84	152	183805	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	173524	50.820	ug/L 99
3) Chloromethane	1.32	50	198466	52.120	ug/L 98
5) Vinyl chloride	1.40	62	193287	53.698	ug/L 99
6) Bromomethane	1.62	94	105316	50.273	ug/L 99
8) Chloroethane	1.69	64	112372	53.258	ug/L 99
9) Trichlorofluoromethane	1.88	101	222737	52.513	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	126323	52.779	ug/L 100
12) 1,1-Dichloroethene	2.27	96	122544	53.334	ug/L 93
13) Acetone	2.31	43	162004	72.281	ug/L 99
14) Carbon disulfide	2.47	76	362225	47.753	ug/L 98
15) Methyl Acetate	2.60	43	170099	50.145	ug/L 100
16) Methylene chloride	2.68	84	150795	51.753	ug/L 98
17) trans-1,2-Dichloroethene	2.97	96	130218	50.659	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	430273	49.745	ug/L 99
19) 1,1-Dichloroethane	3.42	63	273591	52.614	ug/L 98
20) cis-1,2-Dichloroethene	4.20	96	149953	51.822	ug/L 100
22) 2-Butanone	4.24	43	246385	93.434	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	75690	52.376	ug/L	98
25) Chloroform	4.65	83	272301	51.482	ug/L	97
27) 1,2-Dichloroethane	5.38	62	216013	51.321	ug/L	100
29) Cyclohexane	4.97	56	244495	51.118	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	214939	50.077	ug/L	99
31) Carbon tetrachloride	5.11	117	187347	50.077	ug/L	98
33) Benzene	5.37	78	610644	52.809	ug/L	100
34) Trichloroethene	6.16	95	146102	50.141	ug/L	99
35) Methylcyclohexane	6.40	83	233172	49.296	ug/L	98
37) 1,2-Dichloropropane	6.41	63	165961	51.496	ug/L	100
38) Bromodichloromethane	6.74	83	189352	48.401	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	231412	47.393	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	486479	97.450	ug/L	99
42) Toluene	7.62	91	643283	51.758	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	204451	47.768	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	146284	51.621	ug/L	98
46) Tetrachloroethene	8.21	164	115631	50.025	ug/L	98
48) 2-Hexanone	8.34	43	368961	96.979	ug/L	99
49) Dibromochloromethane	8.46	129	148953	48.550	ug/L	100
50) 1,2-Dibromoethane	8.57	107	157854	51.824	ug/L	98
51) Chlorobenzene	9.10	112	400768	50.500	ug/L	99
52) Ethylbenzene	9.23	91	696405	50.472	ug/L	98
53) m,p-Xylene	9.36	106	263323	51.529	ug/L	98
54) o-xylene	9.76	106	260488	51.831	ug/L	94
55) Styrene	9.77	104	433334	51.411	ug/L	99
56) Isopropylbenzene	10.15	105	665536	50.307	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	263007	50.865	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	210532	50.530	ug/L	99
61) Bromoform	9.94	173	107996	47.743	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	288715	49.740	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	286398	49.364	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	299139	51.360	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	46973	46.239	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	186479	47.892	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	130964	44.247	ug/L	98
69) Naphthalene	13.72	128	340711	37.946	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	140275	44.918	ug/L	97

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

