

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110119\
 Data File : VU035586.D
 Acq On : 31 Oct 2019 14:36
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05050

Quant Time: Oct 31 16:30:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 11:40:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	706041	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	691144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	325372	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	264865	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.93	69	222367	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.66%
11) 1,1-Dichloroethene-d2	2.59	63	431941	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
21) 2-Butanone-d5	4.69	46	339316	101.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.87%
24) Chloroform-d	5.11	84	436888	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.75	65	263509	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.77	84	901646	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.73	67	293546	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	7.93	98	853302	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	8.21	79	140889	52.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.70%
47) 2-Hexanone-d5	8.67	63	235891	105.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.35%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	412332	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	303931	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	286574	52.046 ug/L	99
3) Chloromethane	1.54	50	313525	52.247 ug/L	99
5) Vinyl chloride	1.62	62	331361	51.320 ug/L	99
6) Bromomethane	1.87	94	179665	54.936 ug/L	97
8) Chloroethane	1.95	64	191166	50.904 ug/L	100
9) Trichlorofluoromethane	2.16	101	400524	52.366 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	237165	54.012 ug/L	98
12) 1,1-Dichloroethene	2.61	96	223310	51.777 ug/L	98
13) Acetone	2.66	43	300248	102.451 ug/L	99
14) Carbon disulfide	2.82	76	657144	49.455 ug/L	100
15) Methyl Acetate	2.99	43	273181	51.464 ug/L	100
16) Methylene chloride	3.08	84	270871	51.472 ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	236851	52.148 ug/L	100
18) Methyl tert-butyl Ether	3.42	73	730797	53.220 ug/L	100
19) 1,1-Dichloroethane	3.92	63	459561	52.454 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	269785	52.663 ug/L	99
22) 2-Butanone	4.77	43	413516	106.888 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	143944	53.174	ug/L	98
25) Chloroform	5.13	83	473114	53.171	ug/L	99
27) 1,2-Dichloroethane	5.84	62	338711	52.103	ug/L	99
29) Cyclohexane	5.43	56	372955	52.905	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	381679	52.542	ug/L	99
31) Carbon tetrachloride	5.57	117	344273	53.300	ug/L	98
33) Benzene	5.82	78	1030330	53.044	ug/L	100
34) Trichloroethene	6.58	95	257328	52.110	ug/L	99
35) Methylcyclohexane	6.80	83	376326	52.473	ug/L	100
37) 1,2-Dichloropropane	6.83	63	278095	53.463	ug/L	99
38) Bromodichloromethane	7.14	83	341565	51.661	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	424680	54.927	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	709798	101.999	ug/L	99
42) Toluene	8.00	91	1114649	54.752	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	387465	54.671	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	260633	52.275	ug/L	99
46) Tetrachloroethene	8.58	164	213788	51.776	ug/L	99
48) 2-Hexanone	8.73	43	567759	100.329	ug/L	95
49) Dibromochloromethane	8.84	129	295798	52.610	ug/L	100
50) 1,2-Dibromoethane	8.96	107	281910	52.996	ug/L	100
51) Chlorobenzene	9.48	112	713013	52.463	ug/L	99
52) Ethylbenzene	9.60	91	1167476	53.643	ug/L	99
53) m,p-Xylene	9.72	106	456046	55.842	ug/L	95
54) o-xylene	10.13	106	438975	54.996	ug/L	97
55) Styrene	10.14	104	738664	55.762	ug/L	100
56) Isopropylbenzene	10.51	105	1108043	55.241	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	441658	51.428	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	347239	51.197	ug/L	100
61) Bromoform	10.32	173	233662	47.073	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	508084	49.500	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	503147	48.252	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	514164	49.203	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	74553	46.015	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	290745	49.029	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	173811	43.756	ug/L	100
69) Naphthalene	14.11	128	384210	37.709	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	183957	42.981	ug/L	99

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

