

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030651.D
 Acq On : 04 Apr 2019 00:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Apr 04 06:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	580497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	570000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	266765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237524	50.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.68%
7) Chloroethane-d5	1.68	69	188228	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.27	63	425564	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.04%
21) 2-Butanone-d5	4.17	46	417882	95.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.15%
24) Chloroform-d	4.64	84	366523	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.31	65	235092	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.34	84	768638	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
36) 1,2-Dichloropropane-d6	6.32	67	257976	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.56	98	683362	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.85	79	114392	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.31	63	266447	87.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	363669	45.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	247306	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	235326	36.742	ug/L 99
3) Chloromethane	1.32	50	305721	42.679	ug/L 99
5) Vinyl chloride	1.40	62	302844	44.584	ug/L 99
6) Bromomethane	1.62	94	164703	52.855	ug/L 100
8) Chloroethane	1.69	64	178983	46.673	ug/L 97
9) Trichlorofluoromethane	1.88	101	343703	46.400	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	191625	45.230	ug/L 98
12) 1,1-Dichloroethene	2.28	96	199537	48.043	ug/L 95
13) Acetone	2.32	43	311516	70.141	ug/L 98
14) Carbon disulfide	2.47	76	617873	44.993	ug/L 99
15) Methyl Acetate	2.61	43	332029	48.824	ug/L # 100
16) Methylene chloride	2.70	84	235944	48.189	ug/L 97
17) trans-1,2-Dichloroethene	2.98	96	208083	47.755	ug/L 99
18) Methyl tert-butyl Ether	2.99	73	701515	48.684	ug/L 99
19) 1,1-Dichloroethane	3.44	63	420976	47.091	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	235650	48.222	ug/L 96
22) 2-Butanone	4.25	43	482585	89.896	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030651.D
 Acq On : 04 Apr 2019 00:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Apr 04 06:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	113162	49.822	ug/L	94
25) Chloroform	4.67	83	405172	47.669	ug/L	96
27) 1,2-Dichloroethane	5.40	62	302714	45.387	ug/L	97
29) Cyclohexane	4.99	56	396373	45.952	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	322257	46.173	ug/L	98
31) Carbon tetrachloride	5.13	117	276179	46.685	ug/L	97
33) Benzene	5.39	78	918837	47.354	ug/L	100
34) Trichloroethene	6.18	95	221799	46.499	ug/L	98
35) Methylcyclohexane	6.41	83	346891	44.194	ug/L	96
37) 1,2-Dichloropropane	6.43	63	251127	45.606	ug/L	100
38) Bromodichloromethane	6.75	83	298174	45.573	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	359376	45.406	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	876825	94.800	ug/L	98
42) Toluene	7.63	91	961721	47.758	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	323220	46.412	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	220860	47.470	ug/L	99
46) Tetrachloroethene	8.22	164	159051	47.740	ug/L	97
48) 2-Hexanone	8.36	43	692117	91.302	ug/L	99
49) Dibromochloromethane	8.47	129	225125	46.567	ug/L	98
50) 1,2-Dibromoethane	8.58	107	235998	47.263	ug/L	99
51) Chlorobenzene	9.12	112	584949	47.929	ug/L	98
52) Ethylbenzene	9.24	91	1040354	47.691	ug/L	99
53) m,p-Xylene	9.37	106	372746	47.323	ug/L	97
54) o-xylene	9.77	106	372624	48.484	ug/L	96
55) Styrene	9.79	104	644335	48.670	ug/L	96
56) Isopropylbenzene	10.16	105	977602	48.039	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	398353	46.456	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	316508	47.223	ug/L	99
61) Bromoform	9.95	173	168877	47.614	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	420065	48.151	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	427872	47.642	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	426623	48.363	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	91173	46.418	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	315301	48.278	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	281746	49.651	ug/L	99
69) Naphthalene	13.74	128	978782	48.508	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	292663	48.841	ug/L	99

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

