

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029078.D
 Acq On : 07 Jan 2019 23:54
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Jan 08 03:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 03:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199754	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84362	52.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.36%
7) Chloroethane-d5	1.67	69	64267	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.92%
11) 1,1-Dichloroethene-d2	2.27	63	127009	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
21) 2-Butanone-d5	4.17	46	127763	113.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.87%
24) Chloroform-d	4.65	84	135772	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	5.31	65	83511	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
32) Benzene-d6	5.34	84	292637	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
36) 1,2-Dichloropropane-d6	6.33	67	98931	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.56	98	263125	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%
43) trans-1,3-Dichloropropene-	7.85	79	41760	51.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.66%
47) 2-Hexanone-d5	8.31	63	88910	103.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	138113	54.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	93735	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	72516	44.520	ug/L 98
3) Chloromethane	1.33	50	93074	42.023	ug/L 98
5) Vinyl chloride	1.40	62	90739	46.375	ug/L 97
6) Bromomethane	1.61	94	39245	47.087	ug/L 100
8) Chloroethane	1.69	64	52885	47.352	ug/L 98
9) Trichlorofluoromethane	1.88	101	93770	46.865	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	52859	40.831	ug/L 98
12) 1,1-Dichloroethene	2.28	96	51662	40.337	ug/L 92
13) Acetone	2.32	43	72072	63.033	ug/L 95
14) Carbon disulfide	2.47	76	186251	41.643	ug/L 100
15) Methyl Acetate	2.61	43	89118	49.993	ug/L 100
16) Methylene chloride	2.70	84	75651	47.897	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	64000	46.123	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	209385	49.072	ug/L 100
19) 1,1-Dichloroethane	3.44	63	131413	48.719	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	75423	47.983	ug/L 96
22) 2-Butanone	4.26	43	127171	91.334	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029078.D
 Acq On : 07 Jan 2019 23:54
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Jan 08 03:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 03:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36100	48.177	ug/L	95
25) Chloroform	4.67	83	125950	49.059	ug/L	95
27) 1,2-Dichloroethane	5.40	62	94782	49.676	ug/L	100
29) Cyclohexane	4.99	56	114601	45.517	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	97671	48.781	ug/L	98
31) Carbon tetrachloride	5.13	117	77708	48.128	ug/L	98
33) Benzene	5.39	78	295088	48.998	ug/L	100
34) Trichloroethene	6.18	95	69477	47.784	ug/L	96
35) Methylcyclohexane	6.41	83	110859	45.779	ug/L	99
37) 1,2-Dichloropropane	6.43	63	83207	49.425	ug/L	100
38) Bromodichloromethane	6.76	83	91414	49.034	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	113121	47.132	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	238072	105.211	ug/L	100
42) Toluene	7.63	91	302242	49.508	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	100489	46.970	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	73587	51.123	ug/L	99
46) Tetrachloroethene	8.22	164	52071	46.500	ug/L	98
48) 2-Hexanone	8.36	43	188669	101.587	ug/L	100
49) Dibromochloromethane	8.48	129	68427	47.726	ug/L	100
50) 1,2-Dibromoethane	8.58	107	75715	50.557	ug/L	100
51) Chlorobenzene	9.12	112	188392	48.964	ug/L	99
52) Ethylbenzene	9.25	91	317622	48.419	ug/L	97
53) m,p-Xylene	9.37	106	120215	49.558	ug/L	100
54) o-xylene	9.78	106	121959	50.164	ug/L	97
55) Styrene	9.79	104	206351	50.115	ug/L	99
56) Isopropylbenzene	10.16	105	301443	48.876	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	133733	51.142	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	101702	50.623	ug/L	99
61) Bromoform	9.95	173	52644	48.806	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	135308	48.953	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	136613	47.972	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	144994	50.286	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	25439	51.148	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	95324	46.774	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	82369	48.265	ug/L	98
69) Naphthalene	13.74	128	298859	50.440	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	88464	48.072	ug/L	97

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

