

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033534.D
 Acq On : 31 Jul 2019 18:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Aug 01 07:27:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 07:20:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	306157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	96893	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.06%
7) Chloroethane-d5	1.67	69	85641	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.68%
11) 1,1-Dichloroethene-d2	2.26	63	196045	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
21) 2-Butanone-d5	4.15	46	153604	104.19	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.19%
24) Chloroform-d	4.62	84	183106	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.29	65	114944	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.32	84	356198	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.31	67	114647	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.55	98	334090	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.83	79	56331	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.29	63	115604	101.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183510	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	11.84	152	140952	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	147219	50.991	ug/L	99
3) Chloromethane	1.32	50	150330	51.692	ug/L	100
5) Vinyl chloride	1.39	62	160205	51.388	ug/L	99
6) Bromomethane	1.61	94	98663	35.868	ug/L	100
8) Chloroethane	1.68	64	98064	51.766	ug/L	98
9) Trichlorofluoromethane	1.87	101	211556	51.876	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	107390	51.944	ug/L	99
12) 1,1-Dichloroethene	2.27	96	102638	51.769	ug/L	95
13) Acetone	2.31	43	135465	89.810	ug/L	99
14) Carbon disulfide	2.46	76	303706	48.839	ug/L	100
15) Methyl Acetate	2.60	43	126218	52.561	ug/L	99
16) Methylene chloride	2.68	84	118830	52.472	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	105022	50.560	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	326694	51.575	ug/L	99
19) 1,1-Dichloroethane	3.42	63	202056	51.824	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	118512	50.831	ug/L	99
22) 2-Butanone	4.23	43	189351	105.153	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033534.D
 Acq On : 31 Jul 2019 18:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Aug 01 07:27:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 07:20:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	61626	50.659	ug/L	97
25) Chloroform	4.65	83	216315	52.721	ug/L	99
27) 1,2-Dichloroethane	5.38	62	168438	53.314	ug/L	99
29) Cyclohexane	4.97	56	167060	49.725	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	179188	50.561	ug/L	100
31) Carbon tetrachloride	5.11	117	157874	51.153	ug/L	99
33) Benzene	5.37	78	455137	51.222	ug/L	100
34) Trichloroethene	6.16	95	118340	50.489	ug/L	97
35) Methylcyclohexane	6.40	83	181472	49.615	ug/L	99
37) 1,2-Dichloropropane	6.41	63	121868	51.239	ug/L	100
38) Bromodichloromethane	6.74	83	157361	51.180	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	184719	49.759	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	343993	104.754	ug/L	100
42) Toluene	7.62	91	499104	52.238	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	170235	50.743	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	117547	52.060	ug/L	98
46) Tetrachloroethene	8.21	164	95601	49.960	ug/L	99
48) 2-Hexanone	8.34	43	273226	102.936	ug/L	99
49) Dibromochloromethane	8.46	129	130858	50.939	ug/L	98
50) 1,2-Dibromoethane	8.57	107	125834	50.312	ug/L	99
51) Chlorobenzene	9.10	112	318009	50.839	ug/L	99
52) Ethylbenzene	9.23	91	529924	51.507	ug/L	99
53) m,p-Xylene	9.36	106	205414	52.007	ug/L	97
54) o-xylene	9.76	106	200959	52.451	ug/L	95
55) Styrene	9.77	104	352534	54.175	ug/L	99
56) Isopropylbenzene	10.15	105	524636	52.407	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	209434	51.427	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	163613	52.116	ug/L	100
61) Bromoform	9.94	173	101174	48.724	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	259714	49.195	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	262729	47.902	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	265216	49.686	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	47573	48.238	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	199523	46.846	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	167932	46.145	ug/L	98
69) Naphthalene	13.73	128	495513	47.457	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	182236	47.614	ug/L	100

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

