

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033214.D
 Acq On : 12 Jul 2019 11:13
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV31

Quant Time: Jul 13 00:03:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 23:46:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	330192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	327765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120721	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.60%
7) Chloroethane-d5	1.67	69	102326	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.84%
11) 1,1-Dichloroethene-d2	2.26	63	216410	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
21) 2-Butanone-d5	4.15	46	161954	102.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	4.62	84	201647	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.29	65	126445	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.32	84	400580	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
36) 1,2-Dichloropropane-d6	6.31	67	125597	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.52%
41) Toluene-d8	7.55	98	384871	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	7.83	79	64412	51.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.00%
47) 2-Hexanone-d5	8.29	63	125058	107.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192427	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	150375	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	161272	49.286	ug/L	98
3) Chloromethane	1.32	50	158244	49.088	ug/L	99
5) Vinyl chloride	1.40	62	181940	48.829	ug/L	100
6) Bromomethane	1.61	94	114687	49.373	ug/L	99
8) Chloroethane	1.68	64	110443	49.005	ug/L	98
9) Trichlorofluoromethane	1.87	101	237625	48.499	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	109742	48.718	ug/L	97
12) 1,1-Dichloroethene	2.27	96	106766	48.444	ug/L	99
13) Acetone	2.31	43	178333	90.122	ug/L	99
14) Carbon disulfide	2.46	76	338450	50.212	ug/L	98
15) Methyl Acetate	2.60	43	129359	50.060	ug/L	99
16) Methylene chloride	2.68	84	121775	48.394	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	113800	49.960	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	352416	50.124	ug/L	99
19) 1,1-Dichloroethane	3.42	63	210553	48.088	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	128739	50.107	ug/L	96
22) 2-Butanone	4.23	43	209788	95.435	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033214.D
 Acq On : 12 Jul 2019 11:13
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV31

Quant Time: Jul 13 00:03:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 23:46:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	63752	48.458	ug/L	97
25) Chloroform	4.65	83	221688	47.606	ug/L	99
27) 1,2-Dichloroethane	5.38	62	174963	48.521	ug/L	100
29) Cyclohexane	4.97	56	186205	52.136	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	188172	49.210	ug/L	99
31) Carbon tetrachloride	5.11	117	168013	50.208	ug/L	99
33) Benzene	5.37	78	481096	50.332	ug/L	100
34) Trichloroethene	6.16	95	122639	49.059	ug/L	97
35) Methylcyclohexane	6.40	83	199968	52.220	ug/L	98
37) 1,2-Dichloropropane	6.41	63	129419	49.925	ug/L	99
38) Bromodichloromethane	6.74	83	166159	49.691	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	203543	51.212	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	363130	104.424	ug/L	98
42) Toluene	7.62	91	524218	50.870	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	185984	51.888	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	121505	49.561	ug/L	99
46) Tetrachloroethene	8.21	164	99379	51.354	ug/L	98
48) 2-Hexanone	8.34	43	306292	108.115	ug/L	98
49) Dibromochloromethane	8.46	129	138328	50.580	ug/L	98
50) 1,2-Dibromoethane	8.57	107	133169	49.818	ug/L	95
51) Chlorobenzene	9.10	112	336986	50.100	ug/L	98
52) Ethylbenzene	9.23	91	571789	51.853	ug/L	100
53) m,p-Xylene	9.36	106	218642	52.347	ug/L	100
54) o-xylene	9.76	106	216985	52.319	ug/L	97
55) Styrene	9.77	104	368300	52.380	ug/L	96
56) Isopropylbenzene	10.15	105	554676	51.974	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	215136	49.957	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	167335	49.586	ug/L	100
61) Bromoform	9.94	173	101560	50.650	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	262276	51.896	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	271202	51.323	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	264716	51.073	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	49797	50.338	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	196940	53.921	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	177693	55.698	ug/L	99
69) Naphthalene	13.73	128	606522	59.294	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	189567	54.732	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
Data File : VU033214.D
Acq On : 12 Jul 2019 11:13
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV31

Quant Time: Jul 13 00:03:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 23:46:09 2019
Response via : Initial Calibration

