

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007296.D
 Acq On : 31 Aug 2018 12:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV77

Quant Time: Sep 01 00:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	654519	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	621477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	301680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	187939	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.04%
7) Chloroethane-d5	1.58	69	123739	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	2.13	63	352887	48.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.12%
21) 2-Butanone-d5	3.96	46	297844	93.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.11%
24) Chloroform-d	4.40	84	406890	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.09	65	241676	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.10	84	824741	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.12	67	265459	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	7.36	98	771523	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%
43) trans-1,3-Dichloropropene-	7.67	79	119688	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.92%
47) 2-Hexanone-d5	8.14	63	198312	96.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	364079	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	286619	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	260971	50.74	ug/L	# 86
3) Chloromethane	1.26	50	275121	48.72	ug/L	100
5) Vinyl chloride	1.32	62	262677	49.52	ug/L	99
6) Bromomethane	1.54	94	137923	53.83	ug/L	98
8) Chloroethane	1.59	64	124652	51.65	ug/L	99
9) Trichlorofluoromethane	1.76	101	336367	49.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	213283	50.54	ug/L	99
12) 1,1-Dichloroethene	2.14	96	195741	49.70	ug/L	94
13) Acetone	2.21	43	286738	103.98	ug/L	99
14) Carbon disulfide	2.32	76	578828	48.87	ug/L	99
15) Methyl Acetate	2.47	43	217650	48.87	ug/L	98
16) Methylene chloride	2.54	84	227977	49.39	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	215372	50.34	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	649317	49.57	ug/L	99
19) 1,1-Dichloroethane	3.23	63	431713	49.90	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	247584	50.27	ug/L	100
22) 2-Butanone	4.04	43	396318	103.19	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007296.D
 Acq On : 31 Aug 2018 12:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV77

Quant Time: Sep 01 00:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	128160	50.18	ug/L	96
25) Chloroform	4.43	83	429158	50.41	ug/L	98
27) 1,2-Dichloroethane	5.19	62	321629	50.79	ug/L	100
29) Cyclohexane	4.73	56	361945	53.92	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	362226	51.21	ug/L	99
31) Carbon tetrachloride	4.88	117	309766	50.74	ug/L	99
33) Benzene	5.15	78	991955	52.70	ug/L	100
34) Trichloroethene	5.96	95	234700	51.46	ug/L	98
35) Methylcyclohexane	6.18	83	396386	54.97	ug/L	99
37) 1,2-Dichloropropane	6.22	63	260979	51.36	ug/L	99
38) Bromodichloromethane	6.56	83	315246	50.61	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	369362	52.12	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	614303	106.02	ug/L	98
42) Toluene	7.43	91	1012743	54.48	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	347389	52.77	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	241736	51.09	ug/L	99
46) Tetrachloroethene	8.02	164	200155	52.35	ug/L	99
48) 2-Hexanone	8.20	43	518923	110.62	ug/L	99
49) Dibromochloromethane	8.30	129	253592	51.06	ug/L	98
50) 1,2-Dibromoethane	8.40	107	244172	51.69	ug/L	98
51) Chlorobenzene	8.93	112	650155	52.06	ug/L	100
52) Ethylbenzene	9.06	91	1050808	54.66	ug/L	99
53) m,p-Xylene	9.19	106	412023	56.77	ug/L	98
54) o-xylene	9.59	106	391579	55.57	ug/L	99
55) Styrene	9.61	104	709021	57.79	ug/L	99
56) Isopropylbenzene	9.98	105	1017586	56.88	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	392845	51.47	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	306185	50.77	ug/L	100
61) Bromoform	9.78	173	184433	49.61	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	458806	51.59	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	497645	51.62	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	505845	52.08	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	76105	48.30	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	359782	52.30	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	286825	52.20	ug/L	99
69) Naphthalene	13.56	128	832551	54.34	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	321902	53.99	ug/L	99

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

