

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008499.D
 Acq On : 31 Oct 2018 16:42
 Operator : SY/MD
 Sample : VSTD00553
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Oct 31 22:54:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 23:42:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6262	5.28	ug/L	0.00
7) Chloroethane-d5	1.56	69	4317	5.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	10350	4.96	ug/L	0.00
21) 2-Butanone-d5	3.95	46	12428	9.94	ug/L	0.00
24) Chloroform-d	4.41	84	13576	4.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9600	5.04	ug/L	0.00
32) Benzene-d6	5.10	84	28534	5.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9840	5.26	ug/L	0.00
41) Toluene-d8	7.36	98	25834	5.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4960	5.44	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9046	9.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	12673	4.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9669	5.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6641	4.460 ug/L	95
3) Chloromethane	1.25	50	6977	4.427 ug/L	96
5) Vinyl chloride	1.33	62	6068	4.150 ug/L	97
6) Bromomethane	1.51	94	1701	4.294 ug/L	95
8) Chloroethane	1.58	64	3865	4.988 ug/L	86
9) Trichlorofluoromethane	1.76	101	7446	4.005 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4140	4.244 ug/L	98
12) 1,1-Dichloroethene	2.14	96	3687	4.011 ug/L #	78
13) Acetone	2.20	43	8046	7.916 ug/L	100
14) Carbon disulfide	2.32	76	19481	4.681 ug/L	100
15) Methyl Acetate	2.46	43	7328	3.861 ug/L	98
16) Methylene chloride	2.54	84	6472	4.051 ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	5967	4.255 ug/L	98
18) Methyl tert-butyl Ether	2.81	73	19915	3.983 ug/L	97
19) 1,1-Dichloroethane	3.24	63	11256	3.907 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	6787	4.248 ug/L	97
22) 2-Butanone	4.03	43	10278	7.216 ug/L	100
23) Bromochloromethane	4.31	128	2987	3.976 ug/L	94
25) Chloroform	4.43	83	11239	3.991 ug/L	98
27) 1,2-Dichloroethane	5.19	62	9117	3.895 ug/L	99
29) Cyclohexane	4.73	56	10868	4.026 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	9142	3.811 ug/L #	79
31) Carbon tetrachloride	4.88	117	7868	3.862 ug/L	98
33) Benzene	5.15	78	24139	3.988 ug/L	100
34) Trichloroethene	5.96	95	6654	4.292 ug/L	96
35) Methylcyclohexane	6.18	83	10804	4.092 ug/L	99
37) 1,2-Dichloropropane	6.23	63	6867	4.101 ug/L #	90
38) Bromodichloromethane	6.56	83	8068	3.790 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	10097	3.843 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	19411	7.825 ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008499.D
 Acq On : 31 Oct 2018 16:42
 Operator : SY/MD
 Sample : VSTD00553
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Oct 31 22:54:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 23:42:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	25024	3.992	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	9537	3.875	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	5797	3.932	ug/L	95
46) Tetrachloroethene	8.02	164	4618	4.539	ug/L	97
48) 2-Hexanone	8.19	43	14149	7.282	ug/L	93
49) Dibromochloromethane	8.29	129	5877	3.705	ug/L	97
50) 1,2-Dibromoethane	8.40	107	6248	4.040	ug/L	95
51) Chlorobenzene	8.93	112	15946	4.116	ug/L	98
52) Ethylbenzene	9.06	91	28322	4.024	ug/L	100
53) m,p-Xylene	9.19	106	10363	4.010	ug/L	100
54) o-xylene	9.59	106	10245	3.973	ug/L	98
55) Styrene	9.61	104	16664	3.839	ug/L	95
56) Isopropylbenzene	9.98	105	25478	3.777	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	10344	3.985	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	8490	4.033	ug/L	100
61) Bromoform	9.78	173	3817	3.880	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	11518	4.441	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	11691	4.505	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	11232	4.253	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	2128	3.952	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	6982	4.114	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	4543	3.333	ug/L	97
69) Naphthalene	13.56	128	12718	2.909	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	4808	3.521	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008499.D
 Acq On : 31 Oct 2018 16:42
 Operator : SY/MD
 Sample : VSTD00553
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Oct 31 22:54:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 23:42:58 2018
 Response via : Initial Calibration

