

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008381.D
 Acq On : 23 Oct 2018 18:01
 Operator : SY/MD
 Sample : VSTD00551
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Oct 24 02:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:24:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5814	5.30	ug/L	0.00
7) Chloroethane-d5	1.57	69	4286	6.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	10374	5.07	ug/L	0.00
21) 2-Butanone-d5	3.94	46	11717	10.25	ug/L	0.00
24) Chloroform-d	4.41	84	13802	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9406	5.39	ug/L	0.00
32) Benzene-d6	5.10	84	26773	5.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9325	5.40	ug/L	0.00
41) Toluene-d8	7.36	98	23785	5.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4339	5.13	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9229	12.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	11896	5.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	8219	5.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7287	5.068 ug/L	99
3) Chloromethane	1.25	50	8056	5.624 ug/L	100
5) Vinyl chloride	1.33	62	7209	5.053 ug/L #	61
6) Bromomethane	1.52	94	2143	5.292 ug/L	97
8) Chloroethane	1.59	64	3489	4.860 ug/L #	76
9) Trichlorofluoromethane	1.77	101	9254	5.011 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4779	4.872 ug/L	95
12) 1,1-Dichloroethene	2.14	96	4609	5.015 ug/L	92
13) Acetone	2.19	43	12436	15.118 ug/L	99
14) Carbon disulfide	2.32	76	20791	6.390 ug/L	99
15) Methyl Acetate	2.46	43	9744	6.692 ug/L	99
16) Methylene chloride	2.54	84	8598	7.436 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	7086	6.621 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	25541	6.639 ug/L	98
19) 1,1-Dichloroethane	3.24	63	14602	5.202 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	7726	4.805 ug/L	97
22) 2-Butanone	4.03	43	14111	9.923 ug/L	98
23) Bromochloromethane	4.30	128	3850	5.255 ug/L	93
25) Chloroform	4.43	83	14157	5.123 ug/L	97
27) 1,2-Dichloroethane	5.19	62	12182	5.295 ug/L	100
29) Cyclohexane	4.73	56	14044	5.206 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	12185	5.119 ug/L	100
31) Carbon tetrachloride	4.88	117	10254	5.127 ug/L	99
33) Benzene	5.15	78	31176	5.174 ug/L	100
34) Trichloroethene	5.96	95	8018	4.612 ug/L	98
35) Methylcyclohexane	6.18	83	12920	4.895 ug/L	97
37) 1,2-Dichloropropane	6.23	63	8491	5.152 ug/L #	95
38) Bromodichloromethane	6.56	83	10822	5.184 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	12335	4.756 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	25072	10.378 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008381.D
 Acq On : 23 Oct 2018 18:01
 Operator : SY/MD
 Sample : VSTD00551
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Oct 24 02:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:24:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	31760	5.099	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	11970	4.988	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	7503	5.211	ug/L	93
46) Tetrachloroethene	8.02	164	4965	4.923	ug/L	97
48) 2-Hexanone	8.19	43	17917	9.308	ug/L	99
49) Dibromochloromethane	8.29	129	7855	5.172	ug/L	97
50) 1,2-Dibromoethane	8.40	107	7872	5.163	ug/L	97
51) Chlorobenzene	8.93	112	19241	5.024	ug/L	99
52) Ethylbenzene	9.06	91	34656	5.039	ug/L	98
53) m,p-Xylene	9.18	106	12634	5.081	ug/L	97
54) o-xylene	9.59	106	12997	5.305	ug/L	97
55) Styrene	9.61	104	20734	5.042	ug/L	99
56) Isopropylbenzene	9.98	105	32396	4.964	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	12935	6.246	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	10168	5.110	ug/L	95
61) Bromoform	9.78	173	4862	5.378	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	12983	5.176	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	12857	5.092	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	13383	5.235	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	2627	5.389	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	7903	4.885	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	5765	4.402	ug/L	99
69) Naphthalene	13.56	128	18853	4.082	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	5882	4.400	ug/L	96

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

