

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008494.D
 Acq On : 31 Oct 2018 14:45
 Operator : SY/MD
 Sample : VSTD01054
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01054

Quant Time: Oct 31 22:53:13 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	246016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15008	10.61	ug/L	0.00
7) Chloroethane-d5	1.56	69	9560	9.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	24697	9.93	ug/L	0.00
21) 2-Butanone-d5	3.94	46	28916	19.40	ug/L	0.00
24) Chloroform-d	4.41	84	33406	9.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	22438	9.88	ug/L	0.00
32) Benzene-d6	5.10	84	67267	10.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	22432	10.00	ug/L	0.00
41) Toluene-d8	7.36	98	60355	10.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	10781	9.87	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	22015	18.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	30209	9.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	21183	10.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18629	10.493 ug/L	99
3) Chloromethane	1.25	50	18779	9.992 ug/L	99
5) Vinyl chloride	1.32	62	17272	9.906 ug/L	99
6) Bromomethane	1.51	94	3954	8.371 ug/L	98
8) Chloroethane	1.58	64	9629	10.422 ug/L	98
9) Trichlorofluoromethane	1.76	101	21204	9.565 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11169	9.601 ug/L	98
12) 1,1-Dichloroethene	2.14	96	10429	9.516 ug/L	91
13) Acetone	2.20	43	28765	23.734 ug/L	99
14) Carbon disulfide	2.32	76	48805	9.835 ug/L	98
15) Methyl Acetate	2.46	43	21800	9.633 ug/L	100
16) Methylene chloride	2.54	84	18045	9.474 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	15819	9.460 ug/L	98
18) Methyl tert-butyl Ether	2.81	73	57170	9.589 ug/L	99
19) 1,1-Dichloroethane	3.23	63	31833	9.268 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	18366	9.641 ug/L	98
22) 2-Butanone	4.03	43	37598	22.137 ug/L	100
23) Bromochloromethane	4.30	128	8337	9.308 ug/L	97
25) Chloroform	4.43	83	31704	9.441 ug/L	99
27) 1,2-Dichloroethane	5.19	62	25945	9.297 ug/L	99
29) Cyclohexane	4.73	56	31086	9.603 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	27550	9.576 ug/L	99
31) Carbon tetrachloride	4.88	117	22898	9.370 ug/L	99
33) Benzene	5.15	78	70442	9.704 ug/L	100
34) Trichloroethene	5.96	95	17414	9.366 ug/L	97
35) Methylcyclohexane	6.18	83	29302	9.254 ug/L	96
37) 1,2-Dichloropropane	6.23	63	19416	9.668 ug/L	98
38) Bromodichloromethane	6.56	83	23478	9.195 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	29551	9.379 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	56766	19.081 ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008494.D
 Acq On : 31 Oct 2018 14:45
 Operator : SY/MD
 Sample : VSTD01054
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01054

Quant Time: Oct 31 22:53:13 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	72099	9.589	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	27418	9.290	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	16944	9.584	ug/L	94
46) Tetrachloroethene	8.02	164	11873	9.730	ug/L	92
48) 2-Hexanone	8.19	43	45742	19.630	ug/L	98
49) Dibromochloromethane	8.29	129	17185	9.034	ug/L	99
50) 1,2-Dibromoethane	8.40	107	17594	9.486	ug/L	98
51) Chlorobenzene	8.93	112	44669	9.613	ug/L	99
52) Ethylbenzene	9.06	91	79328	9.399	ug/L	100
53) m,p-Xylene	9.19	106	29298	9.453	ug/L	96
54) o-xylene	9.59	106	29720	9.609	ug/L	99
55) Styrene	9.61	104	48822	9.378	ug/L	100
56) Isopropylbenzene	9.98	105	75213	9.297	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29991	9.633	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	24740	9.798	ug/L	100
61) Bromoform	9.78	173	11469	9.087	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	31999	9.616	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	32408	9.734	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	31989	9.440	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	6146	8.896	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	19372	8.896	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	13142	7.515	ug/L	97
69) Naphthalene	13.56	128	38538	6.869	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	13965	7.972	ug/L	98

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

