

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008907.D
 Acq On : 13 Dec 2018 13:40
 Operator : SY/MD
 Sample : VSTD20074
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20074

Quant Time: Dec 14 00:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:21:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223660	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	263976	172.35	ug/L	0.00
7) Chloroethane-d5	1.56	69	149980	174.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	629297	235.19	ug/L	0.00
21) 2-Butanone-d5	3.93	46	362504	301.31	ug/L	0.00
24) Chloroform-d	4.40	84	571167	182.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	359414	179.85	ug/L	0.00
32) Benzene-d6	5.10	84	1124648	178.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	334996	170.96	ug/L	0.00
41) Toluene-d8	7.36	98	1081452	189.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	187310	207.33	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	297125	345.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	471057	176.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	456452	187.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	312809	177.245	ug/L	100
3) Chloromethane	1.25	50	253696	150.460	ug/L	97
5) Vinyl chloride	1.32	62	275610	166.891	ug/L	99
6) Bromomethane	1.52	94	126594	209.174	ug/L	99
8) Chloroethane	1.58	64	145887	181.735	ug/L	97
9) Trichlorofluoromethane	1.76	101	500400	220.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	308469	234.365	ug/L	100
12) 1,1-Dichloroethene	2.14	96	279429	236.440	ug/L	94
13) Acetone	2.19	43	504246	399.110	ug/L	98
14) Carbon disulfide	2.32	76	763179	175.892	ug/L	100
15) Methyl Acetate	2.46	43	277127	146.338	ug/L	100
16) Methylene chloride	2.53	84	299760	173.923	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	285761	184.296	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	937737	182.692	ug/L	99
19) 1,1-Dichloroethane	3.23	63	507282	173.089	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	326447	183.069	ug/L	98
22) 2-Butanone	4.02	43	455371	299.003	ug/L	99
23) Bromochloromethane	4.30	128	171573	196.278	ug/L	97
25) Chloroform	4.43	83	550029	177.175	ug/L	97
27) 1,2-Dichloroethane	5.18	62	431979	180.418	ug/L	100
29) Cyclohexane	4.73	56	453546	168.041	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	521673	202.451	ug/L	99
31) Carbon tetrachloride	4.88	117	477446	219.568	ug/L	99
33) Benzene	5.15	78	1146243	174.998	ug/L	100
34) Trichloroethene	5.96	95	326956	186.810	ug/L	99
35) Methylcyclohexane	6.18	83	525862	184.128	ug/L	99
37) 1,2-Dichloropropane	6.22	63	295501	168.115	ug/L	99
38) Bromodichloromethane	6.56	83	424732	197.450	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	508659	200.623	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	727078	304.122	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008907.D
 Acq On : 13 Dec 2018 13:40
 Operator : SY/MD
 Sample : VSTD20074
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20074

Quant Time: Dec 14 00:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:21:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1257463	184.210	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	483095	207.826	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	300427	183.765	ug/L	99
46) Tetrachloroethene	8.02	164	271286	210.051	ug/L	98
48) 2-Hexanone	8.19	43	606151	319.690	ug/L	97
49) Dibromochloromethane	8.29	129	381027	227.906	ug/L	99
50) 1,2-Dibromoethane	8.40	107	330490	192.724	ug/L	100
51) Chlorobenzene	8.93	112	848364	192.932	ug/L	100
52) Ethylbenzene	9.06	91	1428822	190.734	ug/L	99
53) m,p-Xylene	9.18	106	549596	198.562	ug/L	98
54) o-xylene	9.59	106	534769	193.846	ug/L	98
55) Styrene	9.60	104	920072	200.431	ug/L	98
56) Isopropylbenzene	9.98	105	1439154	198.337	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	474855	175.405	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	378791	171.009	ug/L	100
61) Bromoform	9.78	173	291684	227.249	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	720213	191.252	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	730288	190.763	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	722908	185.727	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	107228	175.612	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	531549	205.279	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	442499	230.782	ug/L	100
69) Naphthalene	13.55	128	1090068	207.722	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	430895	218.359	ug/L	99

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

