

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008668.D
 Acq On : 20 Nov 2018 12:10
 Operator : SY/MD
 Sample : VSTD05071
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Nov 21 01:05:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	271069	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	252616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94511	52.66	ug/L	0.00
7) Chloroethane-d5	1.55	69	42692	37.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	154673	49.59	ug/L	0.00
21) 2-Butanone-d5	3.93	46	156773	101.73	ug/L	0.00
24) Chloroform-d	4.40	84	188233	47.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	119850	47.27	ug/L	0.00
32) Benzene-d6	5.10	84	386645	47.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	120368	45.92	ug/L	0.00
41) Toluene-d8	7.36	98	353925	48.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	53231	43.06	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	115683	102.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	168587	50.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	132994	46.81	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	109967	51.65	ug/L	100
3) Chloromethane	1.25	50	101733	54.11	ug/L	100
5) Vinyl chloride	1.32	62	103205	55.07	ug/L	100
6) Bromomethane	1.51	94	27830	45.98	ug/L	100
8) Chloroethane	1.57	64	51615	51.13	ug/L	100
9) Trichlorofluoromethane	1.75	101	129911	50.98	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	76223	52.09	ug/L	100
12) 1,1-Dichloroethene	2.14	96	67132	51.85	ug/L	100
13) Acetone	2.19	43	166409	132.88	ug/L	100
14) Carbon disulfide	2.31	76	258220	49.07	ug/L	100
15) Methyl Acetate	2.46	43	118944	51.81	ug/L	100
16) Methylene chloride	2.53	84	103860	49.74	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	94318	50.65	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	311025	49.17	ug/L	100
19) 1,1-Dichloroethane	3.23	63	181106	51.04	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	105071	50.03	ug/L	100
22) 2-Butanone	4.02	43	192250	111.36	ug/L	100
23) Bromochloromethane	4.30	128	50922	50.80	ug/L	100
25) Chloroform	4.43	83	182944	46.28	ug/L	100
27) 1,2-Dichloroethane	5.18	62	143596	49.92	ug/L	100
29) Cyclohexane	4.73	56	173788	48.35	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	153380	48.01	ug/L	100
31) Carbon tetrachloride	4.88	117	128155	46.56	ug/L	100
33) Benzene	5.15	78	399671	49.50	ug/L	100
34) Trichloroethene	5.96	95	105692	49.60	ug/L	100
35) Methylcyclohexane	6.18	83	178183	49.27	ug/L	100
37) 1,2-Dichloropropane	6.22	63	108630	49.59	ug/L	100
38) Bromodichloromethane	6.56	83	129057	47.27	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	158102	47.60	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	311271	104.93	ug/L	100

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42) Toluene	7.43	91	424777	50.48	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	142925	47.32	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	98244	50.01	ug/L	100
46) Tetrachloroethene	8.02	164	77791	50.99	ug/L	100
48) 2-Hexanone	8.19	43	252717	110.05	ug/L	100
49) Dibromochloromethane	8.29	129	99320	48.35	ug/L	100
50) 1,2-Dibromoethane	8.40	107	101460	49.72	ug/L	100
51) Chlorobenzene	8.93	112	267737	50.70	ug/L	100
52) Ethylbenzene	9.06	91	467277	50.43	ug/L	100
53) m,p-Xylene	9.18	106	174447	51.37	ug/L	100
54) o-xylene	9.59	106	172024	51.10	ug/L	100
55) Styrene	9.60	104	294096	53.05	ug/L	100
56) Isopropylbenzene	9.98	105	454361	51.27	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	170382	53.04	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	142679	53.88	ug/L	100
61) Bromoform	9.78	173	65285	44.00	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	205565	49.40	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	208962	50.03	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	212493	49.94	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	33408	45.07	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	147976	51.74	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	116198	51.89	ug/L	100
69) Naphthalene	13.55	128	334788	51.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	118124	52.27	ug/L	100

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

