

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008667.D
 Acq On : 20 Nov 2018 11:44
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01070

Quant Time: Nov 21 01:05:32 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	252249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17564	10.52	ug/L	0.00
7) Chloroethane-d5	1.56	69	11380	10.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	29239	10.07	ug/L	0.00
21) 2-Butanone-d5	3.94	46	27708	19.32	ug/L	0.00
24) Chloroform-d	4.41	84	36019	9.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	22878	9.70	ug/L	0.00
32) Benzene-d6	5.10	84	71197	9.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	22399	9.27	ug/L	0.00
41) Toluene-d8	7.36	98	62138	9.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9137	8.02	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	19577	18.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30384	9.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	23074	9.92	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	20915	10.56	ug/L	99
3) Chloromethane	1.25	50	20411	11.67	ug/L	97
5) Vinyl chloride	1.33	62	19267	11.05	ug/L	94
6) Bromomethane	1.51	94	5982	10.62	ug/L	96
8) Chloroethane	1.58	64	10135	10.79	ug/L	99
9) Trichlorofluoromethane	1.76	101	24400	10.29	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14644	10.75	ug/L	99
12) 1,1-Dichloroethene	2.14	96	12775	10.60	ug/L	84
13) Acetone	2.19	43	26176	22.46	ug/L	98
14) Carbon disulfide	2.32	76	48577	9.92	ug/L	100
15) Methyl Acetate	2.46	43	23300	10.91	ug/L	99
16) Methylene chloride	2.53	84	20928	10.77	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	18158	10.48	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	58660	9.97	ug/L	99
19) 1,1-Dichloroethane	3.23	63	34520	10.45	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	20422	10.45	ug/L	88
22) 2-Butanone	4.02	43	36789	22.90	ug/L	95
23) Bromochloromethane	4.30	128	9716	10.42	ug/L	95
25) Chloroform	4.43	83	35623	9.68	ug/L	96
27) 1,2-Dichloroethane	5.18	62	27288	10.19	ug/L	97
29) Cyclohexane	4.73	56	31052	9.37	ug/L	95
30) 1,1,1-Trichloroethane	4.66	97	28193	9.57	ug/L	98
31) Carbon tetrachloride	4.88	117	23016	9.07	ug/L	98
33) Benzene	5.15	78	76762	10.31	ug/L	100
34) Trichloroethene	5.96	95	20049	10.20	ug/L	95
35) Methylcyclohexane	6.18	83	31876	9.56	ug/L	99
37) 1,2-Dichloropropane	6.22	63	20477	10.14	ug/L	99
38) Bromodichloromethane	6.56	83	23757	9.44	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	25568	8.35	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	56959	20.82	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	78662	10.14	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	23984	8.61	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	18725	10.34	ug/L	97
46) Tetrachloroethene	8.02	164	14340	10.19	ug/L	97
48) 2-Hexanone	8.19	43	42401	20.02	ug/L	95
49) Dibromochloromethane	8.29	129	17151	9.06	ug/L	100
50) 1,2-Dibromoethane	8.40	107	19190	10.20	ug/L	94
51) Chlorobenzene	8.93	112	49443	10.15	ug/L	98
52) Ethylbenzene	9.06	91	82576	9.67	ug/L	98
53) m,p-Xylene	9.18	106	30312	9.68	ug/L	99
54) o-xylene	9.59	106	29983	9.66	ug/L	92
55) Styrene	9.61	104	47741	9.34	ug/L	98
56) Isopropylbenzene	9.98	105	77736	9.51	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	30525	10.31	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	25718	10.53	ug/L	98
61) Bromoform	9.78	173	11120	9.16	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	35382	10.39	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	35458	10.37	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	36670	10.53	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5813	9.59	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	22832	9.76	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	15190	8.29	ug/L	97
69) Naphthalene	13.56	128	39463	7.44	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	16596	8.98	ug/L	97

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

