

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004401.D
 Acq On : 02 Aug 2018 14:09
 Operator : SY/AP
 Sample : VSTD05092
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05092

Quant Time: Aug 02 14:29:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 14:26:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	980381	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	935848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	496644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	562464	73.63	ug/L	0.00
7) Chloroethane-d5	2.89	69	491794	65.18	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1185640	53.76	ug/L	0.00
20) 2-Butanone-d5	7.09	46	617734	130.43	ug/L	0.00
24) Chloroform-d	7.65	84	1247183	51.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	704873	51.94	ug/L	0.00
29) Benzene-d6	8.28	84	2472883	51.16	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	784376	52.39	ug/L	0.00
37) Toluene-d8	10.33	98	2263628	49.02	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	339407	46.91	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	505184	131.41	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	908657	58.10	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	896918	47.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	510553	57.032 ug/L	100
3) Chloromethane	2.22	50	686935	80.861 ug/L	98
5) Vinyl chloride	2.37	62	874201	83.358 ug/L	97
6) Bromomethane	2.78	94	497503	66.239 ug/L	99
8) Chloroethane	2.92	64	537610	72.903 ug/L	99
9) Trichlorofluoromethane	3.25	101	429149	48.810 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	720701	55.605 ug/L	97
12) 1,1-Dichloroethene	4.03	96	683059	56.120 ug/L	94
13) Acetone	4.14	43	485772	117.231 ug/L	98
14) Carbon disulfide	4.37	76	2079734	57.769 ug/L	99
15) Methyl Acetate	4.67	43	519122	62.834 ug/L	100
16) Methylene chloride	4.91	84	743191	47.963 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	981526	51.343 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	708109	53.601 ug/L	96
19) 1,1-Dichloroethane	6.21	63	1323329	57.617 ug/L	100
21) 2-Butanone	7.18	43	729267	129.134 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	801183	55.024 ug/L	98
23) Bromochloromethane	7.51	128	359323	52.542 ug/L	98
25) Chloroform	7.68	83	1330016	55.041 ug/L	100
27) 1,2-Dichloroethane	8.40	62	896165	54.906 ug/L	100
30) Cyclohexane	7.96	56	1280306	57.930 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	1023343	49.902 ug/L	99
32) Carbon tetrachloride	8.07	117	988237	49.480 ug/L	100
34) Benzene	8.32	78	3009714	55.477 ug/L	100
35) Trichloroethene	9.09	95	751761	51.766 ug/L	99
36) Methylcyclohexane	9.34	83	1431535	55.263 ug/L	99
40) 1,2-Dichloropropane	9.37	63	780675	57.366 ug/L	100
41) Bromodichloromethane	9.65	83	937809	53.263 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	1137567	53.291 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1391788	126.328 ug/L	100

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44) Toluene	10.39	91	3110456	53.316	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	1024603	53.463	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	605556	53.960	ug/L	99
47) Tetrachloroethene	10.87	164	591436	47.430	ug/L	98
49) 2-Hexanone	10.98	43	1068785	130.525	ug/L	99
50) Dibromochloromethane	11.13	129	688610	50.368	ug/L	99
51) 1,2-Dibromoethane	11.24	107	602047	54.128	ug/L	98
52) Chlorobenzene	11.66	112	2000592	51.518	ug/L	99
53) Ethylbenzene	11.74	91	3550490	53.796	ug/L	99
54) m,p-Xylene	11.85	106	1339229	53.643	ug/L	99
55) o-xylene	12.17	106	1286842	54.574	ug/L	98
56) Styrene	12.19	104	2275316	55.744	ug/L	99
57) Isopropylbenzene	12.47	105	3546635	53.647	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	924817	60.024	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	701310	59.119	ug/L	99
62) Bromoform	12.35	173	463742	50.055	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	1571974	49.071	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	1652138	50.128	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	1559506	51.495	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	167541	56.146	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	1241640	48.889	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	1042032	48.312	ug/L	99
69) Naphthalene	15.38	128	2679836	54.977	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	1002934	50.252	ug/L	100

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

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