

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007310.D
 Acq On : 07 Dec 2018 15:24
 Operator : SY/AP
 Sample : VSTD10096
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10096

Quant Time: Dec 07 15:46:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 15:11:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	115688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	56635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103482	89.12	ug/L	0.00
7) Chloroethane-d5	2.89	69	76324	91.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	324297	107.21	ug/L	0.00
20) 2-Butanone-d5	7.07	46	106535	226.59	ug/L	0.00
24) Chloroform-d	7.65	84	314277	109.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	176267	106.52	ug/L	0.00
29) Benzene-d6	8.27	84	620707	112.92	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	174339	110.70	ug/L	0.00
37) Toluene-d8	10.32	98	587043	100.97	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	91971	119.46	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	79511	215.42	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152756	106.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	191159	89.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	157982	63.338 ug/L	99
3) Chloromethane	2.22	50	121298	69.627 ug/L	99
5) Vinyl chloride	2.37	62	132498	84.962 ug/L	100
6) Bromomethane	2.78	94	82036	91.696 ug/L	99
8) Chloroethane	2.93	64	71280	84.818 ug/L	98
9) Trichlorofluoromethane	3.26	101	147231	50.390 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	181170	105.072 ug/L	95
12) 1,1-Dichloroethene	4.03	96	169004	111.242 ug/L	100
13) Acetone	4.12	43	99682	302.614 ug/L	99
14) Carbon disulfide	4.37	76	517384	96.228 ug/L	99
15) Methyl Acetate	4.67	43	92507	113.256 ug/L	# 89
16) Methylene chloride	4.91	84	167619	76.824 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	257507	65.948 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	176643	105.157 ug/L	98
19) 1,1-Dichloroethane	6.21	63	302444	108.846 ug/L	99
21) 2-Butanone	7.17	43	128563	254.238 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	194534	108.302 ug/L	98
23) Bromochloromethane	7.51	128	87329	111.736 ug/L	96
25) Chloroform	7.68	83	327623	108.678 ug/L	100
27) 1,2-Dichloroethane	8.40	62	227715	113.864 ug/L	98
30) Cyclohexane	7.95	56	288468	114.399 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	284283	118.673 ug/L	99
32) Carbon tetrachloride	8.07	117	281015	129.251 ug/L	99
34) Benzene	8.32	78	683494	114.013 ug/L	100
35) Trichloroethene	9.09	95	197140	121.291 ug/L	99
36) Methylcyclohexane	9.34	83	335461	111.154 ug/L	99
40) 1,2-Dichloropropane	9.37	63	166292	115.645 ug/L	100
41) Bromodichloromethane	9.65	83	242167	128.633 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	288321	126.243 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	258646	243.079 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	738087	102.752	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	255129	127.147	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	137391	121.327	ug/L	93
47) Tetrachloroethene	10.87	164	146074	102.881	ug/L	92
49) 2-Hexanone	10.97	43	176063	244.440	ug/L	96
50) Dibromochloromethane	11.13	129	170324	123.486	ug/L	95
51) 1,2-Dibromoethane	11.24	107	132538	115.503	ug/L	94
52) Chlorobenzene	11.66	112	470811	99.419	ug/L	99
53) Ethylbenzene	11.73	91	815934	97.976	ug/L	96
54) m,p-Xylene	11.84	106	310201	95.463	ug/L	96
55) o-xylene	12.17	106	281760	93.503	ug/L	97
56) Styrene	12.18	104	484461	95.069	ug/L	94
57) Isopropylbenzene	12.47	105	813116	97.038	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	158101	109.869	ug/L #	95
59) 1,2,3-Trichloropropane	12.77	75	126634	112.604	ug/L	100
62) Bromoform	12.35	173	101236	130.546	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	365768	98.143	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	367359	97.997	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	324785	95.237	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	34216	123.722	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	264419	94.471	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	224105	94.185	ug/L	99
69) Naphthalene	15.38	128	547147	107.998	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	203646	98.082	ug/L	99

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

