

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011100.D
 Acq On : 02 Jul 2019 09:27
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Quant Time: Jul 02 10:49:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 10:47:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330955	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153976	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13289	2.75	ug/L	0.00
7) Chloroethane-d5	2.89	69	9341	2.51	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	28584	2.50	ug/L	0.00
20) 2-Butanone-d5	7.09	46	10218	4.50	ug/L	0.01
24) Chloroform-d	7.65	84	24230	2.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	15107	2.42	ug/L	0.00
29) Benzene-d6	8.27	84	49437	2.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	15886	2.42	ug/L	0.00
37) Toluene-d8	10.32	98	42144	2.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	6335	2.18	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6676	4.52	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13048	2.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	14255	2.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	11648	2.223 ug/L	97
3) Chloromethane	2.21	50	12993	2.333 ug/L	96
5) Vinyl chloride	2.36	62	17273	2.594 ug/L	98
6) Bromomethane	2.78	94	7685	2.338 ug/L	93
8) Chloroethane	2.92	64	7951	2.254 ug/L	96
9) Trichlorofluoromethane	3.25	101	5910	2.628 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	12316	2.356 ug/L	98
12) 1,1-Dichloroethene	4.04	96	12006	2.301 ug/L	86
13) Acetone	4.12	43	14913	6.865 ug/L	98
14) Carbon disulfide	4.38	76	34453	2.231 ug/L	95
15) Methyl Acetate	4.67	43	8970	2.385 ug/L	97
16) Methylene chloride	4.92	84	15085	2.733 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	18416	2.255 ug/L #	87
18) trans-1,2-Dichloroethene	5.42	96	12546	2.392 ug/L	91
19) 1,1-Dichloroethane	6.21	63	24742	2.309 ug/L	99
21) 2-Butanone	7.17	43	15099	5.285 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	13209	2.340 ug/L	94
23) Bromochloromethane	7.51	128	5395	2.247 ug/L	89
25) Chloroform	7.67	83	24028	2.444 ug/L	99
27) 1,2-Dichloroethane	8.40	62	18414	2.391 ug/L	100
30) Cyclohexane	7.95	56	24943	2.279 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	17525	2.435 ug/L	97
32) Carbon tetrachloride	8.06	117	16131	2.373 ug/L	99
34) Benzene	8.32	78	52341	2.407 ug/L	100
35) Trichloroethene	9.09	95	13736	2.491 ug/L	98
36) Methylcyclohexane	9.34	83	23874	2.358 ug/L	99
40) 1,2-Dichloropropane	9.37	63	14041	2.346 ug/L #	97
41) Bromodichloromethane	9.64	83	15246	2.170 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	18549	2.014 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	25099	4.518 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	52876	2.325	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	15243	2.003	ug/L	90
46) 1,1,2-Trichloroethane	10.79	97	9907	2.415	ug/L	90
47) Tetrachloroethene	10.86	164	9993	2.389	ug/L	98
49) 2-Hexanone	10.97	43	17784	4.500	ug/L	92
50) Dibromochloromethane	11.13	129	9393	2.079	ug/L	90
51) 1,2-Dibromoethane	11.23	107	9458	2.384	ug/L	100
52) Chlorobenzene	11.66	112	32556	2.379	ug/L	99
53) Ethylbenzene	11.73	91	59891	2.338	ug/L	100
54) m,p-Xylene	11.84	106	21519	2.315	ug/L	99
55) o-xylene	12.16	106	19765	2.216	ug/L	95
56) Styrene	12.18	104	32923	2.140	ug/L	96
57) Isopropylbenzene	12.46	105	54475	2.251	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	12716	2.371	ug/L	92
59) 1,2,3-Trichloropropane	12.77	75	10204	2.450	ug/L	98
62) Bromoform	12.35	173	5372	2.180	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	23707	2.365	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	24449	2.428	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	21458	2.314	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2175	2.293	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.63	180	17432	2.285	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	13766	2.129	ug/L	96
69) Naphthalene	15.37	128	25960	1.881	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	12492	2.127	ug/L	99

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

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