

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
 Data File : VW013892.D
 Acq On : 01 Nov 2019 11:28
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Nov 01 11:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260594	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251059	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106687	26.89	ug/L	0.00
7) Chloroethane-d5	2.89	69	85832	27.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	217901	27.45	ug/L	0.00
20) 2-Butanone-d5	7.07	46	88749	63.65	ug/L	0.00
24) Chloroform-d	7.65	84	210433	26.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	113109	26.08	ug/L	0.00
29) Benzene-d6	8.27	84	442985	27.23	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	131191	26.91	ug/L	0.00
37) Toluene-d8	10.32	98	421415	27.09	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	60984	27.34	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	71856	64.03	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125028	28.22	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	154864	26.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	70011	24.298 ug/L	98
3) Chloromethane	2.21	50	78252	25.263 ug/L	99
5) Vinyl chloride	2.36	62	124016	28.239 ug/L	100
6) Bromomethane	2.78	94	74134	26.793 ug/L	99
8) Chloroethane	2.92	64	69473	28.012 ug/L	95
9) Trichlorofluoromethane	3.25	101	66194	34.567 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	118076	27.444 ug/L	97
12) 1,1-Dichloroethene	4.04	96	118329	27.426 ug/L	96
13) Acetone	4.12	43	72863	55.839 ug/L	99
14) Carbon disulfide	4.39	76	356486	28.428 ug/L	98
15) Methyl Acetate	4.67	43	72593	30.214 ug/L	100
16) Methylene chloride	4.92	84	119395	23.436 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	153880	28.642 ug/L #	88
18) trans-1,2-Dichloroethene	5.42	96	124118	27.464 ug/L	97
19) 1,1-Dichloroethane	6.21	63	207668	26.864 ug/L	98
21) 2-Butanone	7.17	43	108285	57.832 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	130825	27.044 ug/L	96
23) Bromochloromethane	7.51	128	60245	26.677 ug/L	97
25) Chloroform	7.67	83	204435	26.342 ug/L	99
27) 1,2-Dichloroethane	8.40	62	137684	26.974 ug/L	99
30) Cyclohexane	7.96	56	208388	28.918 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	163446	28.406 ug/L	99
32) Carbon tetrachloride	8.07	117	161625	28.219 ug/L	97
34) Benzene	8.32	78	484687	27.840 ug/L	100
35) Trichloroethene	9.09	95	127992	27.856 ug/L	99
36) Methylcyclohexane	9.34	83	229588	28.864 ug/L	100
40) 1,2-Dichloropropane	9.37	63	116482	27.083 ug/L	99
41) Bromodichloromethane	9.65	83	146156	27.058 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	184522	27.328 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	200025	60.274 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	529688	28.177	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	156336	28.389	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	94115	27.140	ug/L	98
47) Tetrachloroethene	10.86	164	116257	28.173	ug/L	99
49) 2-Hexanone	10.97	43	151794	63.919	ug/L	98
50) Dibromochloromethane	11.13	129	109812	27.239	ug/L	99
51) 1,2-Dibromoethane	11.23	107	95390	28.105	ug/L	99
52) Chlorobenzene	11.66	112	328383	26.937	ug/L	99
53) Ethylbenzene	11.73	91	581108	28.004	ug/L	99
54) m,p-Xylene	11.84	106	225185	27.738	ug/L	97
55) o-xylene	12.16	106	213624	27.958	ug/L	98
56) Styrene	12.18	104	367987	28.068	ug/L	99
57) Isopropylbenzene	12.46	105	579448	28.335	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	123637	28.400	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	96522	29.099	ug/L	100
62) Bromoform	12.35	173	74473	27.945	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	274542	27.463	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	271088	26.733	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	251723	27.242	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	22085	30.240	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	215889	28.071	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	171984	27.881	ug/L	96
69) Naphthalene	15.36	128	368143	31.022	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	160405	28.125	ug/L	99

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

