

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018216.D
 Acq On : 22 Feb 2021 10:57
 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: Feb 23 00:37:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 23 00:23:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	425622	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	381399	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	199566	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123801	26.58	ug/L	0.00
7) Chloroethane-d5	2.897	69	94918	26.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.031	63	248902	26.16	ug/L	0.00
20) 2-Butanone-d5	7.074	46	51073	52.64	ug/L	0.00
24) Chloroform-d	7.647	84	250743	25.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	123723	25.45	ug/L	0.00
29) Benzene-d6	8.275	84	498108	25.99	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	134321	25.50	ug/L	0.00
37) Toluene-d8	10.323	98	478520	25.84	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	61678	25.76	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	43665	52.91	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	108616	25.85	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	171703	24.72	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	133714	25.46	ug/L	100
3) Chloromethane	2.221	50	98200	24.69	ug/L	100
5) Vinyl chloride	2.367	62	152687	26.17	ug/L	100
6) Bromomethane	2.788	94	100410	25.45	ug/L	100
8) Chloroethane	2.934	64	86486	26.36	ug/L	100
9) Trichlorofluoromethane	3.269	101	115571	27.07	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	145061	26.21	ug/L	100
12) 1,1-Dichloroethene	4.050	96	142107	26.09	ug/L	100
13) Acetone	4.123	43	36485	50.98	ug/L	100
14) Carbon disulfide	4.391	76	425665	25.38	ug/L	100
15) Methyl Acetate	4.672	43	47276	26.66	ug/L	100
16) Methylene chloride	4.921	84	135980	23.72	ug/L	100
17) Methyl tert-butyl Ether	5.421	73	151943	26.78	ug/L	100
18) trans-1,2-Dichloroethene	5.427	96	148770	25.83	ug/L	100
19) 1,1-Dichloroethane	6.220	63	230205	25.83	ug/L	100
21) 2-Butanone	7.171	43	58519	53.24	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	153735	26.31	ug/L	100
23) Bromochloromethane	7.512	128	69437	25.57	ug/L	100
25) Chloroform	7.677	83	249052	25.90	ug/L	100
27) 1,2-Dichloroethane	8.396	62	150525	25.99	ug/L	100
30) Cyclohexane	7.958	56	215383	26.73	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	209364	26.26	ug/L	100
32) Carbon tetrachloride	8.067	117	205205	26.17	ug/L	100
34) Benzene	8.323	78	545193	26.27	ug/L	100
35) Trichloroethene	9.091	95	151455	26.06	ug/L	100
36) Methylcyclohexane	9.335	83	264618	26.78	ug/L	100
40) 1,2-Dichloropropane	9.372	63	123944	25.97	ug/L	100
41) Bromodichloromethane	9.646	83	176071	26.17	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	202773	26.58	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	130724	54.32	ug/L	100
44) Toluene	10.390	91	608142	26.45	ug/L	100
45) trans-1,3-Dichloropropene	10.603	75	175900	26.83	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	100952	26.16	ug/L	100
47) Tetrachloroethene	10.859	164	134458	26.23	ug/L	100
49) 2-Hexanone	10.969	43	88806	54.22	ug/L	100
50) Dibromochloromethane	11.128	129	127978	26.70	ug/L	100
51) 1,2-Dibromoethane	11.237	107	100959	26.76	ug/L	100
52) Chlorobenzene	11.658	112	399561	26.18	ug/L	100
53) Ethylbenzene	11.731	91	685385	26.48	ug/L	100
54) m,p-Xylene	11.841	106	267461	26.53	ug/L	100
55) o-xylene	12.164	106	250515	26.29	ug/L	100
56) Styrene	12.182	104	435237	27.08	ug/L	100
57) Isopropylbenzene	12.463	105	694265	26.76	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	114518	26.76	ug/L	100
59) 1,2,3-Trichloropropane	12.768	75	84791	26.79	ug/L	100
62) Bromoform	12.347	173	74601	25.64	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	322851	25.44	ug/L	100
64) 1,4-Dichlorobenzene	13.578	146	318072	25.17	ug/L	100
65) 1,2-Dichlorobenzene	13.871	146	288277	25.76	ug/L	100
66) 1,2-Dibromo-3-chloropr...	14.481	75	18274	25.81	ug/L	100
67) 1,3,5-Trichlorobenzene	14.627	180	246178	25.08	ug/L	100
68) 1,2,4-trichlorobenzene	15.133	180	206447	26.04	ug/L	100
69) Naphthalene	15.365	128	373201	26.88	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	180645	25.92	ug/L	100

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

