

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018217.D
 Acq On : 22 Feb 2021 11:21
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05002

Quant Time: Feb 23 00:37:27 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	8.842	114	452654	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	416466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	209889	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	238004	48.05	ug/L	0.00
7) Chloroethane-d5	2.891	69	186948	48.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.031	63	485105	47.93	ug/L	0.00
20) 2-Butanone-d5	7.074	46	112592	109.12	ug/L	0.00
24) Chloroform-d	7.647	84	497613	47.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	247492	47.86	ug/L	0.00
29) Benzene-d6	8.275	84	982068	46.92	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	272052	47.31	ug/L	0.00
37) Toluene-d8	10.323	98	947662	46.87	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	131861	50.43	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	100950	112.03	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	230250	50.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	338781	46.38	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	270524	48.43	ug/L	97
3) Chloromethane	2.221	50	201180	47.56	ug/L	100
5) Vinyl chloride	2.367	62	291674	47.00	ug/L	99
6) Bromomethane	2.782	94	200697	47.83	ug/L	99
8) Chloroethane	2.934	64	169432	48.57	ug/L	100
9) Trichlorofluoromethane	3.263	101	230598	50.78	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	285110	48.45	ug/L	99
12) 1,1-Dichloroethene	4.050	96	277756	47.95	ug/L	99
13) Acetone	4.123	43	76148	100.04	ug/L	97
14) Carbon disulfide	4.391	76	839923	47.09	ug/L	100
15) Methyl Acetate	4.672	43	101578	53.86	ug/L	99
16) Methylene chloride	4.915	84	266074	43.65	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	309656	51.32	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	295230	48.20	ug/L	96
19) 1,1-Dichloroethane	6.220	63	460290	48.56	ug/L	99
21) 2-Butanone	7.171	43	129274	110.60	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	306249	49.29	ug/L	99
23) Bromochloromethane	7.519	128	147526	51.08	ug/L	87
25) Chloroform	7.677	83	495976	48.50	ug/L	99
27) 1,2-Dichloroethane	8.396	62	302756	49.15	ug/L	100
30) Cyclohexane	7.958	56	427996	48.64	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	412155	47.34	ug/L	99
32) Carbon tetrachloride	8.067	117	411818	48.10	ug/L	100
34) Benzene	8.323	78	1080200	47.67	ug/L	100
35) Trichloroethene	9.091	95	300771	47.39	ug/L	98
36) Methylcyclohexane	9.335	83	517382	47.95	ug/L	100
40) 1,2-Dichloropropane	9.366	63	250353	48.03	ug/L	100
41) Bromodichloromethane	9.646	83	362510	49.35	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	426301	51.17	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	288835	109.92	ug/L	100
44) Toluene	10.384	91	1217510	48.49	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	371518	51.90	ug/L	100

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46) 1,1,2-Trichloroethane	10.786	97	211070	50.10	ug/L	96
47) Tetrachloroethene	10.859	164	267832	47.86	ug/L	98
49) 2-Hexanone	10.969	43	199620	111.61	ug/L	99
50) Dibromochloromethane	11.128	129	269562	51.50	ug/L	97
51) 1,2-Dibromoethane	11.231	107	211873	51.44	ug/L #	98
52) Chlorobenzene	11.658	112	791364	47.48	ug/L	99
53) Ethylbenzene	11.731	91	1351820	47.84	ug/L	98
54) m,p-Xylene	11.841	106	537584	48.84	ug/L	96
55) o-xylene	12.164	106	503907	48.44	ug/L	96
56) Styrene	12.176	104	868756	49.51	ug/L	96
57) Isopropylbenzene	12.463	105	1364908	48.17	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	239303	51.20	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	175794	50.87	ug/L	99
62) Bromoform	12.347	173	166428	54.39	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	648027	48.56	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	636893	47.92	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	577145	49.04	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	40074	53.81	ug/L	99
67) 1,3,5-Trichlorobenzene	14.627	180	507737	49.18	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	422040	50.62	ug/L	100
69) Naphthalene	15.365	128	795415	54.47	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	368714	50.30	ug/L	99

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

