

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
 Data File : VW018254.D
 Acq On : 08 Mar 2021 14:57
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05003

Quant Time: Mar 09 00:37:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 09 00:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	261324	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	238267	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	114986	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136065	46.09	ug/L	0.00
7) Chloroethane-d5	2.898	69	112890	47.98	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.031	63	318457	46.91	ug/L	0.00
20) 2-Butanone-d5	7.074	46	62272	86.92	ug/L	0.00
24) Chloroform-d	7.647	84	335621	45.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	176472	42.10	ug/L	0.00
29) Benzene-d6	8.275	84	596889	45.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	164098	44.63	ug/L	0.00
37) Toluene-d8	10.323	98	587105	46.37	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	82801	46.39	ug/L	0.00
39) 2-Hexanone-d5	10.920	63	54895	90.53	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	134799	41.94	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	197837	45.05	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	183069	50.55	ug/L	97
3) Chloromethane	2.221	50	113705	46.98	ug/L	100
5) Vinyl chloride	2.367	62	177840	47.19	ug/L	100
6) Bromomethane	2.788	94	127702	45.39	ug/L	97
8) Chloroethane	2.934	64	104510	49.27	ug/L	99
9) Trichlorofluoromethane	3.269	101	166821	57.66	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	184930	48.99	ug/L #	73
12) 1,1-Dichloroethene	4.044	96	173346	50.54	ug/L	93
13) Acetone	4.117	43	43007	72.10	ug/L	97
14) Carbon disulfide	4.391	76	505190	50.26	ug/L	100
15) Methyl Acetate	4.672	43	52250	43.48	ug/L	100
16) Methylene chloride	4.922	84	164265	36.47	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	185531	44.78	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	184097	49.94	ug/L	96
19) 1,1-Dichloroethane	6.214	63	298030	49.38	ug/L	98
21) 2-Butanone	7.165	43	68758	90.23	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	189883	49.36	ug/L	98
23) Bromochloromethane	7.513	128	83356	47.17	ug/L	93
25) Chloroform	7.677	83	340600	48.77	ug/L	100
27) 1,2-Dichloroethane	8.396	62	216407	45.78	ug/L	99
30) Cyclohexane	7.958	56	262892	51.53	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	299116	50.69	ug/L	98
32) Carbon tetrachloride	8.067	117	282635	50.03	ug/L	98
34) Benzene	8.323	78	676766	48.60	ug/L	100
35) Trichloroethene	9.091	95	198118	48.62	ug/L	98
36) Methylcyclohexane	9.335	83	324488	50.18	ug/L	100
40) 1,2-Dichloropropane	9.366	63	154355	47.34	ug/L	100
41) Bromodichloromethane	9.640	83	244151	48.95	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	272018	51.94	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	158828	93.56	ug/L	100
44) Toluene	10.390	91	777533	50.58	ug/L	93
45) trans-1,3-Dichloropropene	10.603	75	239918	51.04	ug/L	100

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46) 1,1,2-Trichloroethane	10.786	97	124958	45.90	ug/L	99
47) Tetrachloroethene	10.859	164	150142	49.19	ug/L	93
49) 2-Hexanone	10.969	43	110021	94.09	ug/L	99
50) Dibromochloromethane	11.128	129	154598	47.61	ug/L	97
51) 1,2-Dibromoethane	11.237	107	123368	46.35	ug/L	96
52) Chlorobenzene	11.658	112	499458	49.59	ug/L	97
53) Ethylbenzene	11.731	91	882189	49.87	ug/L	98
54) m,p-Xylene	11.835	106	336349	50.27	ug/L	99
55) o-xylene	12.164	106	320423	52.14	ug/L	100
56) Styrene	12.176	104	549409	52.29	ug/L	96
57) Isopropylbenzene	12.463	105	890047	50.38	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	140583	44.09	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	103691	42.51	ug/L	99
62) Bromoform	12.347	173	84569	50.14	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	374114	47.90	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	360961	46.95	ug/L	90
65) 1,2-Dichlorobenzene	13.865	146	345431	49.74	ug/L	91
66) 1,2-Dibromo-3-chloropr...	14.481	75	24485	43.70	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.621	180	265530	46.33	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	216181	46.24	ug/L	91
69) Naphthalene	15.365	128	444593	48.89	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	194096	47.60	ug/L	99

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

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