

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
 Data File : VW018252.D
 Acq On : 08 Mar 2021 14:10
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Quant Time: Mar 09 00:37:15 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	248324	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229248	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	111874	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	14584	5.20	ug/L	0.00
7) Chloroethane-d5	2.898	69	11448	5.12	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.031	63	33591	5.21	ug/L	0.00
20) 2-Butanone-d5	7.086	46	7161	10.52	ug/L	0.01
24) Chloroform-d	7.653	84	36295	5.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	20739	5.21	ug/L	0.00
29) Benzene-d6	8.275	84	66188	5.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	18440	5.21	ug/L	0.00
37) Toluene-d8	10.323	98	62485	5.13	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.573	79	8689	5.06	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	5854	10.03	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	15783	5.10	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	21988	5.15	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	17810	5.17	ug/L	94
3) Chloromethane	2.215	50	12154	5.28	ug/L	98
5) Vinyl chloride	2.367	62	18685	5.22	ug/L	96
6) Bromomethane	2.782	94	13807	5.16	ug/L	97
8) Chloroethane	2.928	64	10283	5.10	ug/L	88
9) Trichlorofluoromethane	3.263	101	13751	5.00	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	18405	5.13	ug/L	96
12) 1,1-Dichloroethene	4.044	96	16531	5.07	ug/L	86
13) Acetone	4.129	43	5718	10.09	ug/L	96
14) Carbon disulfide	4.391	76	48618	5.09	ug/L	98
15) Methyl Acetate	4.672	43	5671	4.97	ug/L	98
16) Methylene chloride	4.928	84	22064	5.15	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	20024	5.09	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	17766	5.07	ug/L	98
19) 1,1-Dichloroethane	6.220	63	28968	5.05	ug/L	95
21) 2-Butanone	7.171	43	7309	10.09	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	18435	5.04	ug/L	98
23) Bromochloromethane	7.519	128	8831	5.26	ug/L	92
25) Chloroform	7.677	83	33404	5.03	ug/L	99
27) 1,2-Dichloroethane	8.403	62	23018	5.12	ug/L	99
30) Cyclohexane	7.958	56	24201	4.93	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	28190	4.97	ug/L	98
32) Carbon tetrachloride	8.067	117	27162	5.00	ug/L	100
34) Benzene	8.323	78	65748	4.91	ug/L	100
35) Trichloroethene	9.098	95	19411	4.95	ug/L	99
36) Methylcyclohexane	9.335	83	30381	4.88	ug/L	99
40) 1,2-Dichloropropane	9.366	63	15574	4.96	ug/L	100
41) Bromodichloromethane	9.646	83	23877	4.98	ug/L	94
42) cis-1,3-Dichloropropene	10.073	75	24849	4.93	ug/L	96
43) 4-Methyl-2-pentanone	10.207	43	15734	9.63	ug/L	98
44) Toluene	10.390	91	73384	4.96	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	22441	4.96	ug/L	98

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46) 1,1,2-Trichloroethane	10.786	97	13371	5.10	ug/L	97
47) Tetrachloroethene	10.866	164	14142	4.82	ug/L	93
49) 2-Hexanone	10.969	43	10427	9.27	ug/L	92
50) Dibromochloromethane	11.128	129	15583	4.99	ug/L	100
51) 1,2-Dibromoethane	11.238	107	12761	4.98	ug/L	99
52) Chlorobenzene	11.658	112	48706	5.03	ug/L	99
53) Ethylbenzene	11.731	91	84251	4.95	ug/L	98
54) m,p-Xylene	11.841	106	32018	4.97	ug/L	95
55) o-xylene	12.164	106	28435	4.81	ug/L	95
56) Styrene	12.182	104	49542	4.90	ug/L	92
57) Isopropylbenzene	12.463	105	84342	4.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	15177	4.95	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	11360	4.84	ug/L	98
62) Bromoform	12.347	173	7708	4.70	ug/L	91
63) 1,3-Dichlorobenzene	13.499	146	37348	4.91	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	37691	5.04	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	33676	4.98	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	2570	4.71	ug/L	86
67) 1,3,5-Trichlorobenzene	14.621	180	26696	4.79	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	21847	4.80	ug/L	95
69) Naphthalene	15.359	128	43751	4.94	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	19915	5.02	ug/L	95

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

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