

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
 Data File : VW018253.D
 Acq On : 08 Mar 2021 14:34
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

Quant Time: Mar 09 00:37:30 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	267933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	240775	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115964	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73615	24.32	ug/L	0.00
7) Chloroethane-d5	2.892	69	59998	24.87	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.032	63	165181	23.73	ug/L	0.00
20) 2-Butanone-d5	7.074	46	35120	47.81	ug/L	0.00
24) Chloroform-d	7.653	84	182776	24.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	98495	22.92	ug/L	0.00
29) Benzene-d6	8.275	84	321093	24.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	88946	23.94	ug/L	0.00
37) Toluene-d8	10.323	98	312283	24.41	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	43878	24.33	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	30644	50.01	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.689	84	76893	23.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	102124	23.06	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	85911	23.14	ug/L	100
3) Chloromethane	2.215	50	55128	22.21	ug/L	100
5) Vinyl chloride	2.367	62	89991	23.29	ug/L	100
6) Bromomethane	2.782	94	65073	22.56	ug/L	100
8) Chloroethane	2.928	64	51140	23.52	ug/L	100
9) Trichlorofluoromethane	3.263	101	77646	26.17	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	91533	23.65	ug/L	100
12) 1,1-Dichloroethene	4.050	96	84147	23.93	ug/L	100
13) Acetone	4.123	43	23386	38.24	ug/L	100
14) Carbon disulfide	4.391	76	249553	24.21	ug/L	100
15) Methyl Acetate	4.672	43	26880	21.82	ug/L	100
16) Methylene chloride	4.922	84	84818	18.37	ug/L	100
17) Methyl tert-butyl Ether	5.428	73	96512	22.72	ug/L	100
18) trans-1,2-Dichloroethene	5.428	96	90804	24.02	ug/L	100
19) 1,1-Dichloroethane	6.220	63	149285	24.12	ug/L	100
21) 2-Butanone	7.171	43	35263	45.13	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	94829	24.04	ug/L	100
23) Bromochloromethane	7.519	128	42436	23.42	ug/L	100
25) Chloroform	7.677	83	171946	24.01	ug/L	100
27) 1,2-Dichloroethane	8.397	62	110652	22.83	ug/L	100
30) Cyclohexane	7.958	56	129779	25.18	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	146117	24.51	ug/L	100
32) Carbon tetrachloride	8.074	117	139560	24.45	ug/L	100
34) Benzene	8.324	78	338559	24.06	ug/L	100
35) Trichloroethene	9.092	95	99220	24.10	ug/L	100
36) Methylcyclohexane	9.336	83	161781	24.76	ug/L	100
40) 1,2-Dichloropropane	9.366	63	79210	24.04	ug/L	100
41) Bromodichloromethane	9.646	83	120595	23.93	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	133947	25.31	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	81746	47.65	ug/L	100
44) Toluene	10.390	91	379630	24.44	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	116973	24.63	ug/L	100

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46) 1,1,2-Trichloroethane	10.787	97	63195	22.97	ug/L	100
47) Tetrachloroethene	10.860	164	73849	23.94	ug/L	100
49) 2-Hexanone	10.969	43	56497	47.81	ug/L	100
50) Dibromochloromethane	11.128	129	79626	24.27	ug/L	100
51) 1,2-Dibromoethane	11.232	107	61364	22.81	ug/L	100
52) Chlorobenzene	11.658	112	243772	23.95	ug/L	100
53) Ethylbenzene	11.731	91	442241	24.74	ug/L	100
54) m,p-Xylene	11.841	106	165101	24.42	ug/L	100
55) o-xylene	12.164	106	157351	25.34	ug/L	100
56) Styrene	12.176	104	270058	25.44	ug/L	100
57) Isopropylbenzene	12.463	105	442802	24.80	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	72406	22.47	ug/L	100
59) 1,2,3-Trichloropropane	12.768	75	54952	22.29	ug/L	100
62) Bromoform	12.347	173	41891	24.63	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	189470	24.05	ug/L	100
64) 1,4-Dichlorobenzene	13.579	146	183767	23.70	ug/L	100
65) 1,2-Dichlorobenzene	13.865	146	164865	23.54	ug/L	100
66) 1,2-Dibromo-3-chloropr...	14.481	75	13064	23.12	ug/L	100
67) 1,3,5-Trichlorobenzene	14.627	180	140710	24.35	ug/L	100
68) 1,2,4-trichlorobenzene	15.127	180	114718	24.33	ug/L	100
69) Naphthalene	15.365	128	218907	23.87	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	94686	23.02	ug/L	100

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

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