

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018214.D
 Acq On : 22 Feb 2021 10:09
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 23 00:36:33 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	455887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	412049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206677	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11720	2.35	ug/L	0.00
7) Chloroethane-d5	2.891	69	8818	2.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	24395	2.39	ug/L	0.00
20) 2-Butanone-d5	7.086	46	4544	4.37	ug/L	0.01
24) Chloroform-d	7.647	84	24840	2.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	12796	2.46	ug/L	0.00
29) Benzene-d6	8.275	84	48483	2.34	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	13669	2.40	ug/L	0.00
37) Toluene-d8	10.323	98	47923	2.40	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.573	79	5771	2.23	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	3474	3.90	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	10618	2.34	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	17826	2.48	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	13205	2.35	ug/L	99
3) Chloromethane	2.215	50	10676	2.51	ug/L	92
5) Vinyl chloride	2.367	62	15616	2.50	ug/L	98
6) Bromomethane	2.782	94	10641	2.52	ug/L	98
8) Chloroethane	2.928	64	8414	2.39	ug/L	95
9) Trichlorofluoromethane	3.257	101	9857	2.16	ug/L	94
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	14437	2.44	ug/L	98
12) 1,1-Dichloroethene	4.038	96	13931	2.39	ug/L	89
13) Acetone	4.129	43	4114	5.37	ug/L	76
14) Carbon disulfide	4.385	76	49568	2.76	ug/L	98
15) Methyl Acetate	4.672	43	4298	2.26	ug/L #	70
16) Methylene chloride	4.922	84	18839	3.07	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	14285	2.35	ug/L #	67
18) trans-1,2-Dichloroethene	5.434	96	15079m	2.44	ug/L	
19) 1,1-Dichloroethane	6.214	63	23121	2.42	ug/L	96
21) 2-Butanone	7.171	43	5122	4.35	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	14588	2.33	ug/L	96
23) Bromochloromethane	7.513	128	6646	2.28	ug/L	96
25) Chloroform	7.671	83	25184	2.44	ug/L	98
27) 1,2-Dichloroethane	8.397	62	15033	2.42	ug/L	98
30) Cyclohexane	7.951	56	19796	2.27	ug/L	98
31) 1,1,1-Trichloroethane	7.866	97	20987	2.44	ug/L	98
32) Carbon tetrachloride	8.067	117	20033	2.37	ug/L	100
34) Benzene	8.323	78	53751	2.40	ug/L	100
35) Trichloroethene	9.092	95	15205	2.42	ug/L	99
36) Methylcyclohexane	9.329	83	25236	2.36	ug/L	98
40) 1,2-Dichloropropane	9.366	63	12583	2.44	ug/L	99
41) Bromodichloromethane	9.640	83	17083	2.35	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	17700	2.15	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	10810	4.16	ug/L	99
44) Toluene	10.390	91	58437	2.35	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	15337	2.17	ug/L	97

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46) 1,1,2-Trichloroethane	10.786	97	9769	2.34	ug/L	97
47) Tetrachloroethene	10.859	164	13539	2.45	ug/L	89
49) 2-Hexanone	10.969	43	7293	4.12	ug/L	93
50) Dibromochloromethane	11.128	129	11445	2.21	ug/L	100
51) 1,2-Dibromoethane	11.231	107	9083	2.23	ug/L	94
52) Chlorobenzene	11.652	112	40019	2.43	ug/L	96
53) Ethylbenzene	11.731	91	66823	2.39	ug/L	99
54) m,p-Xylene	11.841	106	25169	2.31	ug/L	99
55) o-xylene	12.164	106	23824	2.31	ug/L	96
56) Styrene	12.182	104	38117	2.20	ug/L	100
57) Isopropylbenzene	12.463	105	65270	2.33	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	10463	2.26	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	7910	2.31	ug/L	94
62) Bromoform	12.347	173	6483	2.15	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	32076	2.44	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	32561	2.49	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	27537	2.38	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	1659	2.26	ug/L	86
67) 1,3,5-Trichlorobenzene	14.627	180	24654	2.43	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	18933	2.31	ug/L	99
69) Naphthalene	15.365	128	29736	2.07	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	16707	2.31	ug/L	99

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

