

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018176.D
 Acq On : 17 Feb 2021 10:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Feb 18 06:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	339593	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	184817	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	102654	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.891	69	92006	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.019	63	235534	24.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.80%
20) 2-Butanone-d5	7.074	46	57066	44.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.68%
24) Chloroform-d	7.647	84	279272	27.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.92%
26) 1,2-Dichloroethane-d4	8.305	65	134428	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.275	84	531852	28.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.08%
33) 1,2-Dichloropropane-d6	9.274	67	149706	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.84%
37) Toluene-d8	10.323	98	508846	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.72%
38) trans-1,3-Dichloroprop...	10.579	79	65269	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.44%
39) 2-Hexanone-d5	10.920	63	48785	48.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.86%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	121558	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.12%
61) 1,2-Dichlorobenzene-d4	13.853	152	189217	28.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	108847	20.96	ug/L	100
3) Chloromethane	2.215	50	85721	22.41	ug/L	100
5) Vinyl chloride	2.367	62	131572	24.95	ug/L	100
6) Bromomethane	2.782	94	89429	23.84	ug/L	100
8) Chloroethane	2.928	64	76140	24.16	ug/L	96
9) Trichlorofluoromethane	3.263	101	102088	26.77	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	138359	25.39	ug/L #	65
12) 1,1-Dichloroethene	4.044	96	134933	26.32	ug/L	91
13) Acetone	4.117	43	33592	35.68	ug/L	98
14) Carbon disulfide	4.385	76	365895	24.50	ug/L	98
15) Methyl Acetate	4.666	43	38143	18.26	ug/L	94
16) Methylene chloride	4.909	84	124776	20.29	ug/L	90
17) Methyl tert-butyl Ether	5.421	73	134970	23.45	ug/L	96
18) trans-1,2-Dichloroethene	5.421	96	136758	24.96	ug/L	97
19) 1,1-Dichloroethane	6.214	63	217955	24.64	ug/L	98
21) 2-Butanone	7.165	43	50280	35.08	ug/L	92
22) cis-1,2-Dichloroethene	7.165	96	142792	25.12	ug/L	97
23) Bromochloromethane	7.513	128	66290	24.27	ug/L	88
25) Chloroform	7.671	83	236715	24.53	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138288	22.08	ug/L	100
30) Cyclohexane	7.952	56	196781	25.33	ug/L	93
31) 1,1,1-Trichloroethane	7.866	97	203604	27.04	ug/L	97
32) Carbon tetrachloride	8.067	117	197080	27.02	ug/L	99
34) Benzene	8.323	78	510738	25.73	ug/L	100
35) Trichloroethene	9.092	95	145850	26.08	ug/L	99
36) Methylcyclohexane	9.329	83	240639	25.59	ug/L	96
40) 1,2-Dichloropropane	9.366	63	117039	25.70	ug/L	100
41) Bromodichloromethane	9.640	83	165629	25.40	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	190283	25.92	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	111927	39.52	ug/L #	93
44) Toluene	10.384	91	575009	26.32	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	160102	25.06	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	93539	24.06	ug/L	97
47) Tetrachloroethene	10.860	164	128099	26.90	ug/L	94
49) 2-Hexanone	10.963	43	77244	39.25	ug/L	96
50) Dibromochloromethane	11.128	129	119512	25.66	ug/L	100
51) 1,2-Dibromoethane	11.231	107	90451	23.32	ug/L	95
52) Chlorobenzene	11.658	112	373382	25.95	ug/L	100
53) Ethylbenzene	11.731	91	649275	26.16	ug/L	98
54) m,p-Xylene	11.841	106	253847	26.82	ug/L	99
55) o-xylene	12.164	106	235124	26.19	ug/L	91
56) Styrene	12.182	104	407218	26.67	ug/L	95
57) Isopropylbenzene	12.463	105	655757	26.22	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	101275	22.02	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	72885	20.92	ug/L	99
62) Bromoform	12.347	173	66928	23.50	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	303601	25.77	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	301596	25.45	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	265597	25.00	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	15634	19.43	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	235683	26.04	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	190691	25.27	ug/L	95
69) Naphthalene	15.365	128	319736	21.78	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	160117	23.81	ug/L	98

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

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