

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020321\
 Data File : VW018027.D
 Acq On : 03 Feb 2021 13:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Feb 03 22:00:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 21:58:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	387639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	185540	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117179	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
7) Chloroethane-d5	2.892	69	94144	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	4.025	63	242186	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.60%
20) 2-Butanone-d5	7.074	46	60929	47.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.78%
24) Chloroform-d	7.647	84	264632	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.305	65	136766	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.275	84	518136	26.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.04%
33) 1,2-Dichloropropane-d6	9.268	67	143985	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	10.323	98	497991	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.12%
38) trans-1,3-Dichloroprop...	10.579	79	66722	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.72%
39) 2-Hexanone-d5	10.921	63	51424	49.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.32%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	120803	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.853	152	179727	27.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	125174	23.87	ug/L	99
3) Chloromethane	2.215	50	92485	23.94	ug/L	99
5) Vinyl chloride	2.367	62	137901	25.88	ug/L	99
6) Bromomethane	2.782	94	92817	24.49	ug/L	98
8) Chloroethane	2.928	64	79273	24.90	ug/L	98
9) Trichlorofluoromethane	3.263	101	83680	21.72	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	139694	25.38	ug/L #	67
12) 1,1-Dichloroethene	4.044	96	134027	25.88	ug/L	96
13) Acetone	4.117	43	38796	40.79	ug/L	98
14) Carbon disulfide	4.391	76	392101	25.99	ug/L	99
15) Methyl Acetate	4.666	43	48663	23.06	ug/L	97
16) Methylene chloride	4.916	84	137753	22.17	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	146202	25.14	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	142788	25.79	ug/L	95
19) 1,1-Dichloroethane	6.214	63	227071	25.42	ug/L	96
21) 2-Butanone	7.165	43	64320	44.42	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	146460	25.51	ug/L	98
23) Bromochloromethane	7.513	128	69124	25.05	ug/L	95
25) Chloroform	7.671	83	247511	25.39	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	154216	24.37	ug/L	100
30) Cyclohexane	7.952	56	206244	25.57	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	201482	25.77	ug/L	98
32) Carbon tetrachloride	8.067	117	192734	25.45	ug/L	97
34) Benzene	8.323	78	528516	25.64	ug/L	100
35) Trichloroethene	9.092	95	146843	25.28	ug/L	99
36) Methylcyclohexane	9.335	83	247945	25.38	ug/L	97
40) 1,2-Dichloropropane	9.366	63	122796	25.96	ug/L	100
41) Bromodichloromethane	9.640	83	176123	26.00	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	199753	26.20	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	139846	47.55	ug/L	94
44) Toluene	10.384	91	595279	26.24	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	173781	26.19	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	101449	25.13	ug/L	96
47) Tetrachloroethene	10.860	164	126118	25.50	ug/L	98
49) 2-Hexanone	10.969	43	96818	47.37	ug/L	96
50) Dibromochloromethane	11.128	129	125561	25.96	ug/L	98
51) 1,2-Dibromoethane	11.231	107	99346	24.67	ug/L	96
52) Chlorobenzene	11.658	112	381984	25.56	ug/L	98
53) Ethylbenzene	11.731	91	659072	25.57	ug/L	96
54) m,p-Xylene	11.841	106	254907	25.93	ug/L	99
55) o-xylene	12.164	106	243439	26.11	ug/L	98
56) Styrene	12.183	104	422497	26.64	ug/L	94
57) Isopropylbenzene	12.463	105	674096	25.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	115901	24.27	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	84735	23.42	ug/L	99
62) Bromoform	12.347	173	71840	25.13	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	304818	25.77	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	302676	25.45	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	275868	25.87	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	18627	23.06	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	237729	26.17	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	189366	25.00	ug/L	93
69) Naphthalene	15.365	128	355105	24.10	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164439	24.35	ug/L	97

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

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