

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017997.D
 Acq On : 26 Jan 2021 19:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

Quant Time: Jan 27 04:58:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 04:50:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	394699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	372306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	195099	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	126481	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
7) Chloroethane-d5	2.891	69	115784	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.16%
10) 1,1-Dichloroethene-d2	4.025	63	231693	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.44%
20) 2-Butanone-d5	7.074	46	59025	49.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.96%
24) Chloroform-d	7.647	84	258724	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	8.305	65	136753	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.275	84	497746	24.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.20%
33) 1,2-Dichloropropane-d6	9.274	67	138404	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.323	98	474741	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloroprop...	10.579	79	60502	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.20%
39) 2-Hexanone-d5	10.926	63	44244	48.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.26%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	113203	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	165114	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	139392	24.10	ug/L	99
3) Chloromethane	2.215	50	135918	24.86	ug/L	96
5) Vinyl chloride	2.367	62	156703	27.27	ug/L	97
6) Bromomethane	2.782	94	120745	24.42	ug/L	100
8) Chloroethane	2.928	64	107054	25.37	ug/L	98
9) Trichlorofluoromethane	3.263	101	92574	22.24	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	133187	24.60	ug/L #	72
12) 1,1-Dichloroethene	4.050	96	123426	24.77	ug/L	91
13) Acetone	4.117	43	42596	43.37	ug/L	88
14) Carbon disulfide	4.391	76	381075	26.30	ug/L	100
15) Methyl Acetate	4.665	43	50953	25.77	ug/L	98
16) Methylene chloride	4.915	84	132631	20.35	ug/L	94
17) Methyl tert-butyl Ether	5.427	73	140870	26.03	ug/L #	87
18) trans-1,2-Dichloroethene	5.427	96	139919	25.18	ug/L	96
19) 1,1-Dichloroethane	6.214	63	238690	25.29	ug/L	98
21) 2-Butanone	7.171	43	67190	53.09	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	146756	25.71	ug/L	98
23) Bromochloromethane	7.512	128	66202	25.90	ug/L	92
25) Chloroform	7.677	83	255311	25.39	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017997.D
 Acq On : 26 Jan 2021 19:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

Quant Time: Jan 27 04:58:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 04:50:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	165306	25.53	ug/L	97
30) Cyclohexane	7.957	56	217206	24.44	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	200221	24.55	ug/L	96
32) Carbon tetrachloride	8.067	117	192255	24.50	ug/L	97
34) Benzene	8.323	78	543086	24.71	ug/L	100
35) Trichloroethene	9.091	95	147160	24.09	ug/L	96
36) Methylcyclohexane	9.335	83	251734	24.24	ug/L	99
40) 1,2-Dichloropropane	9.372	63	131924	24.72	ug/L	98
41) Bromodichloromethane	9.640	83	177666	25.23	ug/L	94
42) cis-1,3-Dichloropropene	10.073	75	205469	26.17	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	152190	51.16	ug/L	98
44) Toluene	10.390	91	612035	25.29	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	175859	26.06	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	99397	25.37	ug/L	98
47) Tetrachloroethene	10.859	164	115129	23.86	ug/L	97
49) 2-Hexanone	10.969	43	104214	50.71	ug/L	91
50) Dibromochloromethane	11.128	129	122286	26.41	ug/L	98
51) 1,2-Dibromoethane	11.237	107	96377	25.52	ug/L #	95
52) Chlorobenzene	11.658	112	386932	24.81	ug/L	95
53) Ethylbenzene	11.731	91	686522	24.96	ug/L	97
54) m,p-Xylene	11.841	106	267842	25.17	ug/L	95
55) o-xylene	12.164	106	254848	25.94	ug/L	95
56) Styrene	12.182	104	436455	26.13	ug/L	97
57) Isopropylbenzene	12.463	105	697317	25.20	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	117080	25.58	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	84984	25.49	ug/L	99
62) Bromoform	12.347	173	61190	24.99	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	300359	24.20	ug/L	98
64) 1,4-Dichlorobenzene	13.578	146	304754	24.60	ug/L	97
65) 1,2-Dichlorobenzene	13.871	146	278177	25.35	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	18597	25.43	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	219238	24.99	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	184280	25.40	ug/L	95
69) Naphthalene	15.365	128	351073	25.47	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	155752	24.98	ug/L	98

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

