

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017960.D
 Acq On : 19 Jan 2021 16:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Jan 20 04:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	380915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	351558	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	178855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137692	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.885	69	118887	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.025	63	251666	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.20%
20) 2-Butanone-d5	7.080	46	66956	46.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.62%
24) Chloroform-d	7.647	84	254315	24.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	8.305	65	142249	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.275	84	475035	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.274	67	138433	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.72%
37) Toluene-d8	10.323	98	451361	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloroprop...	10.579	79	60659	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.927	63	47342	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	121915	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	151035	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	110242	23.91	ug/L	95
3) Chloromethane	2.215	50	106497	25.54	ug/L	99
5) Vinyl chloride	2.361	62	172053	27.06	ug/L	95
6) Bromomethane	2.776	94	122090	23.91	ug/L	100
8) Chloroethane	2.928	64	105964	26.83	ug/L	98
9) Trichlorofluoromethane	3.263	101	126363	26.22	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	134826	25.43	ug/L #	70
12) 1,1-Dichloroethene	4.044	96	128613	25.73	ug/L	90
13) Acetone	4.123	43	50027	49.13	ug/L	94
14) Carbon disulfide	4.385	76	395214	25.54	ug/L	99
15) Methyl Acetate	4.672	43	57124	23.05	ug/L	98
16) Methylene chloride	4.922	84	134218	24.32	ug/L	95
17) Methyl tert-butyl Ether	5.428	73	168623	25.06	ug/L #	88
18) trans-1,2-Dichloroethene	5.428	96	135318	25.02	ug/L	93
19) 1,1-Dichloroethane	6.214	63	235494	25.71	ug/L	100
21) 2-Butanone	7.171	43	75898	47.98	ug/L	98
22) cis-1,2-Dichloroethene	7.171	96	141190	24.92	ug/L	95
23) Bromochloromethane	7.513	128	63604	24.70	ug/L	90
25) Chloroform	7.677	83	249856	25.59	ug/L	99

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

27) 1,2-Dichloroethane	8.397	62	175584	26.08	ug/L #	94
30) Cyclohexane	7.958	56	224479	25.99	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	209499	25.57	ug/L	97
32) Carbon tetrachloride	8.067	117	201471	25.72	ug/L	99
34) Benzene	8.323	78	540602	26.01	ug/L	100
35) Trichloroethene	9.092	95	146323	25.60	ug/L	95
36) Methylcyclohexane	9.335	83	259046	26.03	ug/L	100
40) 1,2-Dichloropropane	9.366	63	131495	26.14	ug/L	98
41) Bromodichloromethane	9.646	83	179992	25.94	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	208321	26.07	ug/L	99
43) 4-Methyl-2-pentanone	10.213	43	163168	48.27	ug/L	98
44) Toluene	10.390	91	606786	26.41	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	181889	26.05	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	103053	25.45	ug/L	97
47) Tetrachloroethene	10.860	164	110345	24.54	ug/L	93
49) 2-Hexanone	10.969	43	117527	50.90	ug/L	88
50) Dibromochloromethane	11.128	129	120575	24.94	ug/L	97
51) 1,2-Dibromoethane	11.238	107	98801	24.27	ug/L #	97
52) Chlorobenzene	11.658	112	378002	25.53	ug/L	96
53) Ethylbenzene	11.731	91	682262	26.30	ug/L	99
54) m,p-Xylene	11.841	106	261508	26.05	ug/L	91
55) o-xylene	12.164	106	245840	26.43	ug/L	98
56) Styrene	12.182	104	420185	26.65	ug/L	100
57) Isopropylbenzene	12.463	105	677386	26.19	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	124926	25.00	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	92927	24.60	ug/L	99
62) Bromoform	12.347	173	64098	25.13	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	293338	26.20	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	281322	24.99	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	259100	25.69	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	20430	24.17	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.627	180	200101	25.57	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	167105	25.02	ug/L	92
69) Naphthalene	15.365	128	361019	25.26	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	147702	25.36	ug/L	99

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

