

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018174.D
 Acq On : 16 Feb 2021 19:51
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Feb 17 01:09:51 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	361509	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	329298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	177168	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	84434	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.891	69	74494	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
10) 1,1-Dichloroethene-d2	4.025	63	201496	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.72%
20) 2-Butanone-d5	7.074	46	54293	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
24) Chloroform-d	7.647	84	233567	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.305	65	114931	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	8.275	84	439157	24.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.16%
33) 1,2-Dichloropropane-d6	9.274	67	124793	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.72%
37) Toluene-d8	10.323	98	417671	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloroprop...	10.579	79	54946	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.88%
39) 2-Hexanone-d5	10.921	63	48008	49.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.30%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	109921	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	13.853	152	159637	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	120680	24.67	ug/L	96
3) Chloromethane	2.215	50	85638	23.77	ug/L	100
5) Vinyl chloride	2.367	62	132903	26.75	ug/L	98
6) Bromomethane	2.788	94	89936	25.45	ug/L	98
8) Chloroethane	2.934	64	76996	25.93	ug/L	100
9) Trichlorofluoromethane	3.263	101	93694	26.08	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141496	27.56	ug/L #	65
12) 1,1-Dichloroethene	4.044	96	133681	27.67	ug/L	94
13) Acetone	4.117	43	36458	41.10	ug/L	97
14) Carbon disulfide	4.391	76	364936	25.94	ug/L	98
15) Methyl Acetate	4.666	43	45880	23.31	ug/L	94
16) Methylene chloride	4.922	84	130051	22.45	ug/L	90
17) Methyl tert-butyl Ether	5.428	73	142439	26.27	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	142286	27.56	ug/L	95
19) 1,1-Dichloroethane	6.214	63	226929	27.24	ug/L	99
21) 2-Butanone	7.171	43	60331	44.68	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	148017	27.65	ug/L	96
23) Bromochloromethane	7.513	128	69832	27.13	ug/L	92
25) Chloroform	7.671	83	244963	26.94	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146896	24.89	ug/L	99
30) Cyclohexane	7.958	56	201683	26.78	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	203708	27.90	ug/L	98
32) Carbon tetrachloride	8.067	117	196303	27.76	ug/L	98
34) Benzene	8.323	78	530915	27.59	ug/L	100
35) Trichloroethene	9.092	95	149961	27.65	ug/L	98
36) Methylcyclohexane	9.335	83	246058	26.98	ug/L	96
40) 1,2-Dichloropropane	9.366	63	122465	27.73	ug/L	99
41) Bromodichloromethane	9.646	83	173257	27.40	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	196393	27.59	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	135400	49.31	ug/L #	92
44) Toluene	10.384	91	598088	28.23	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	168562	27.21	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	101283	26.87	ug/L	97
47) Tetrachloroethene	10.860	164	130538	28.27	ug/L	95
49) 2-Hexanone	10.969	43	93551	49.02	ug/L	96
50) Dibromochloromethane	11.128	129	126098	27.92	ug/L	97
51) 1,2-Dibromoethane	11.238	107	99325	26.41	ug/L	100
52) Chlorobenzene	11.658	112	394546	28.27	ug/L	99
53) Ethylbenzene	11.731	91	668277	27.76	ug/L	94
54) m,p-Xylene	11.841	106	260939	28.43	ug/L	98
55) o-xylene	12.164	106	246337	28.29	ug/L	98
56) Styrene	12.182	104	422189	28.51	ug/L	95
57) Isopropylbenzene	12.463	105	682677	28.15	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	116139	26.04	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	85774	25.39	ug/L	99
62) Bromoform	12.347	173	69278	25.37	ug/L #	97
63) 1,3-Dichlorobenzene	13.493	146	322434	28.55	ug/L	91
64) 1,4-Dichlorobenzene	13.579	146	316257	27.84	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	284159	27.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	18074	23.43	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	238514	27.49	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	199339	27.56	ug/L	93
69) Naphthalene	15.365	128	370248	26.31	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	164728	25.55	ug/L	94

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

