

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033021\  
 Data File : VW018496.D  
 Acq On : 30 Mar 2021 09:38  
 Operator : SY/VA  
 Sample : VSTDCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02520

Quant Time: Mar 31 01:07:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 03:10:03 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	424046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	384233	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	200428	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122518	20.76	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	83.04%		
7) Chloroethane-d5	2.892	69	120191	23.27	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	93.08%		
10) 1,1-Dichloroethene-d2	4.025	63	231997	22.77	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	91.08%		
20) 2-Butanone-d5	7.074	46	64135	48.82	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	97.64%		
24) Chloroform-d	7.647	84	267834	24.80	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	99.20%		
26) 1,2-Dichloroethane-d4	8.305	65	155636	24.68	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	98.72%		
29) Benzene-d6	8.275	84	477382	23.37	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	93.48%		
33) 1,2-Dichloropropane-d6	9.275	67	146458	24.86	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	99.44%		
37) Toluene-d8	10.323	98	465750	23.68	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	94.72%		
38) trans-1,3-Dichloroprop...	10.579	79	71048	23.38	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	93.52%		
39) 2-Hexanone-d5	10.921	63	55484	48.12	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	96.24%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	138986	26.37	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	105.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	176418	24.76	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	99.04%		
Target Compounds						
2) Dichlorodifluoromethane	2.008	85	119482	24.53	ug/L	95
3) Chloromethane	2.215	50	147438	24.01	ug/L	100
5) Vinyl chloride	2.367	62	231283	28.69	ug/L	99
6) Bromomethane	2.782	94	165131	28.36	ug/L	100
8) Chloroethane	2.928	64	146680	29.18	ug/L	98
9) Trichlorofluoromethane	3.263	101	104831	25.85	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	150672	28.89	ug/L	96
12) 1,1-Dichloroethene	4.044	96	147058	27.63	ug/L	94
13) Acetone	4.123	43	46335	49.10	ug/L	99
14) Carbon disulfide	4.385	76	416290	25.97	ug/L	100
15) Methyl Acetate	4.666	43	57042	26.43	ug/L	98
16) Methylene chloride	4.916	84	150401	21.62	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	201207	25.87	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	160545	27.32	ug/L	97
19) 1,1-Dichloroethane	6.214	63	275778	27.50	ug/L	99
21) 2-Butanone	7.165	43	76945	51.32	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	169341	27.40	ug/L	97
23) Bromochloromethane	7.513	128	76865	28.10	ug/L	89
25) Chloroform	7.671	83	299104	28.11	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033021\  
 Data File : VW018496.D  
 Acq On : 30 Mar 2021 09:38  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD02520

Quant Time: Mar 31 01:07:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 03:10:03 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	212427	28.14	ug/L	98
30) Cyclohexane	7.958	56	243419	26.69	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	244991	28.53	ug/L	97
32) Carbon tetrachloride	8.067	117	231023	28.87	ug/L	100
34) Benzene	8.323	78	633633	28.47	ug/L	100
35) Trichloroethene	9.092	95	173525	28.23	ug/L	98
36) Methylcyclohexane	9.335	83	296824	27.57	ug/L	99
40) 1,2-Dichloropropane	9.366	63	153106	28.13	ug/L	97
41) Bromodichloromethane	9.646	83	219967	28.59	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	258441	28.08	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	174010	53.16	ug/L	96
44) Toluene	10.384	91	717499	28.36	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	229733	27.79	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	121868	28.08	ug/L	98
47) Tetrachloroethene	10.860	164	131239	28.11	ug/L	96
49) 2-Hexanone	10.969	43	119632	51.65	ug/L	98
50) Dibromochloromethane	11.128	129	145403	28.41	ug/L	97
51) 1,2-Dibromoethane	11.232	107	119397	27.78	ug/L	95
52) Chlorobenzene	11.658	112	453871	28.29	ug/L	95
53) Ethylbenzene	11.731	91	834304	29.25	ug/L	100
54) m,p-Xylene	11.841	106	311771	28.60	ug/L	100
55) o-xylene	12.164	106	303143	29.18	ug/L	98
56) Styrene	12.183	104	511864	28.89	ug/L	97
57) Isopropylbenzene	12.463	105	825396	29.21	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	149628	28.48	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	110056	27.75	ug/L	98
62) Bromoform	12.347	173	82430	26.82	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	353157	27.53	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	366135	28.28	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	326066	28.44	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	25587	24.69	ug/L	91
67) 1,3,5-Trichlorobenzene	14.627	180	262320	28.35	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	224039	28.46	ug/L	95
69) Naphthalene	15.359	128	433144	26.43	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	196297	28.58	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033021\  
 Data File : VW018496.D  
 Acq On : 30 Mar 2021 09:38  
 Operator : SY/VA  
 Sample : VSTDC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 VSTD02520

Quant Time: Mar 31 01:07:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 30 03:10:03 2021  
 Response via : Initial Calibration

