

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018544.D
 Acq On : 02 Apr 2021 10:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Apr 02 23:37:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	468684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	249987	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	185732	27.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.64%			
7) Chloroethane-d5	2.892	69	154616	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.32%			
10) 1,1-Dichloroethene-d2	4.026	63	292837	24.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.20%			
20) 2-Butanone-d5	7.068	46	80435	52.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.66%			
24) Chloroform-d	7.647	84	324353	25.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.64%			
26) 1,2-Dichloroethane-d4	8.305	65	192109	26.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.16%			
29) Benzene-d6	8.275	84	603586	24.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.88%			
33) 1,2-Dichloropropane-d6	9.275	67	180490	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.44%			
37) Toluene-d8	10.323	98	602258	25.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.40%			
38) trans-1,3-Dichloroprop...	10.579	79	88807	23.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.84%			
39) 2-Hexanone-d5	10.927	63	69141	49.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.32%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	174494	27.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.56%			
61) 1,2-Dichlorobenzene-d4	13.853	152	220040	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.04%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	135163	23.95	ug/L	95
3) Chloromethane	2.215	50	169105	23.77	ug/L	98
5) Vinyl chloride	2.367	62	262766	28.13	ug/L	99
6) Bromomethane	2.782	94	187514	27.79	ug/L	98
8) Chloroethane	2.928	64	162191	27.84	ug/L	94
9) Trichlorofluoromethane	3.264	101	116110	24.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	172630	28.56	ug/L	98
12) 1,1-Dichloroethene	4.044	96	169418	27.46	ug/L	95
13) Acetone	4.117	43	60826	55.62	ug/L	98
14) Carbon disulfide	4.385	76	500923	26.97	ug/L	99
15) Methyl Acetate	4.666	43	75686	30.26	ug/L	96
16) Methylene chloride	4.916	84	191005	23.70	ug/L	96
17) Methyl tert-butyl Ether	5.422	73	243611	27.03	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	187900	27.59	ug/L	98
19) 1,1-Dichloroethane	6.214	63	323915	27.88	ug/L	100
21) 2-Butanone	7.165	43	97937	56.36	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	203255	28.38	ug/L	98
23) Bromochloromethane	7.513	128	90799	28.64	ug/L #	85
25) Chloroform	7.671	83	351560	28.51	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	256156	29.28	ug/L	100
30) Cyclohexane	7.958	56	278279	25.01	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	283915	27.10	ug/L	97
32) Carbon tetrachloride	8.068	117	265174	27.16	ug/L	99
34) Benzene	8.324	78	742950	27.37	ug/L	100
35) Trichloroethene	9.092	95	206324	27.51	ug/L	99
36) Methylcyclohexane	9.336	83	333762	25.42	ug/L	98
40) 1,2-Dichloropropane	9.366	63	181655	27.36	ug/L	98
41) Bromodichloromethane	9.646	83	264087	28.14	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	300679	26.78	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	229229	57.41	ug/L	96
44) Toluene	10.384	91	862560	27.95	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	275387	27.31	ug/L	100
46) 1,1,2-Trichloroethane	10.787	97	151037	28.53	ug/L	95
47) Tetrachloroethene	10.860	164	157672	27.69	ug/L	91
49) 2-Hexanone	10.969	43	161279	57.08	ug/L	98
50) Dibromochloromethane	11.128	129	178724	28.63	ug/L	95
51) 1,2-Dibromoethane	11.232	107	153883	29.35	ug/L	95
52) Chlorobenzene	11.658	112	543643	27.78	ug/L	98
53) Ethylbenzene	11.731	91	964877	27.73	ug/L	99
54) m,p-Xylene	11.841	106	358865	26.99	ug/L	99
55) o-xylene	12.164	106	354004	27.93	ug/L	99
56) Styrene	12.183	104	616392	28.52	ug/L	95
57) Isopropylbenzene	12.463	105	962899	27.93	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	190767	29.77	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	142885	29.54	ug/L	99
62) Bromoform	12.347	173	98421	25.67	ug/L #	96
63) 1,3-Dichlorobenzene	13.499	146	426578	26.66	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	428216	26.52	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	385678	26.97	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	33350	25.80	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	309260	26.80	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	255492	26.02	ug/L	95
69) Naphthalene	15.365	128	537141	26.27	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	222786	26.00	ug/L	99

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

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