

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020321\
 Data File : VW018021.D
 Acq On : 03 Feb 2021 09:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Feb 03 21:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	379844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	344610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	179892	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	120532	25.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.12%			
7) Chloroethane-d5	2.892	69	94436	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.84%			
10) 1,1-Dichloroethene-d2	4.025	63	245691	26.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.12%			
20) 2-Butanone-d5	7.074	46	66908	53.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.22%			
24) Chloroform-d	7.647	84	258480	25.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.72%			
26) 1,2-Dichloroethane-d4	8.305	65	136928	25.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%			
29) Benzene-d6	8.275	84	497563	26.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.16%			
33) 1,2-Dichloropropane-d6	9.275	67	138733	26.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.88%			
37) Toluene-d8	10.323	98	481074	26.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.88%			
38) trans-1,3-Dichloroprop...	10.573	79	67124	27.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.92%			
39) 2-Hexanone-d5	10.921	63	56357	55.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.40%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	126668	27.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.00%			
61) 1,2-Dichlorobenzene-d4	13.853	152	170383	26.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	135511	26.37	ug/L	100
3) Chloromethane	2.215	50	98423	26.00	ug/L	98
5) Vinyl chloride	2.367	62	142261	27.25	ug/L	98
6) Bromomethane	2.782	94	94413	25.43	ug/L	99
8) Chloroethane	2.928	64	82102	26.32	ug/L	99
9) Trichlorofluoromethane	3.263	101	100056	26.51	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141412	26.21	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	135917	26.78	ug/L	98
13) Acetone	4.117	43	44061	47.27	ug/L	97
14) Carbon disulfide	4.385	76	402816	27.25	ug/L	99
15) Methyl Acetate	4.666	43	55164	26.68	ug/L	98
16) Methylene chloride	4.916	84	131874	21.66	ug/L	94
17) Methyl tert-butyl Ether	5.422	73	147125	25.82	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	142107	26.20	ug/L	98
19) 1,1-Dichloroethane	6.214	63	223766	25.56	ug/L	98
21) 2-Butanone	7.165	43	69954	49.30	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	145406	25.85	ug/L	97
23) Bromochloromethane	7.513	128	69066	25.54	ug/L	90
25) Chloroform	7.671	83	241946	25.33	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	155910	25.15	ug/L	99
30) Cyclohexane	7.952	56	209843	26.62	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	203706	26.66	ug/L	98
32) Carbon tetrachloride	8.067	117	199857	27.01	ug/L	99
34) Benzene	8.323	78	525056	26.07	ug/L	100
35) Trichloroethene	9.092	95	144991	25.55	ug/L	98
36) Methylcyclohexane	9.336	83	246665	25.84	ug/L	98
40) 1,2-Dichloropropane	9.366	63	120555	26.08	ug/L	100
41) Bromodichloromethane	9.640	83	171458	25.91	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	199672	26.81	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	151257	52.63	ug/L	94
44) Toluene	10.384	91	574897	25.93	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	174431	26.90	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	101385	25.70	ug/L	98
47) Tetrachloroethene	10.860	164	126743	26.23	ug/L	97
49) 2-Hexanone	10.969	43	107616	53.89	ug/L	95
50) Dibromochloromethane	11.128	129	123721	26.17	ug/L	97
51) 1,2-Dibromoethane	11.232	107	101740	25.85	ug/L	97
52) Chlorobenzene	11.658	112	372495	25.51	ug/L	97
53) Ethylbenzene	11.731	91	643256	25.54	ug/L	97
54) m,p-Xylene	11.841	106	249481	25.97	ug/L	95
55) o-xylene	12.164	106	232353	25.50	ug/L	91
56) Styrene	12.183	104	402368	25.97	ug/L	96
57) Isopropylbenzene	12.463	105	647234	25.50	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	119177	25.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	90703	25.65	ug/L	99
62) Bromoform	12.347	173	73409	26.48	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	295489	25.77	ug/L	99
64) 1,4-Dichlorobenzene	13.579	146	297909	25.83	ug/L	94
65) 1,2-Dichlorobenzene	13.871	146	265429	25.67	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	20570	26.26	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	236525	26.85	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	192039	26.15	ug/L	95
69) Naphthalene	15.365	128	385505	26.98	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	169020	25.82	ug/L	99

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

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