

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018019.D
 Acq On : 02 Feb 2021 18:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Feb 03 00:28:49 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	395762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	359908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	193163	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123673	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.56%			
7) Chloroethane-d5	2.891	69	100490	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.96%			
10) 1,1-Dichloroethene-d2	4.031	63	247878	25.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.84%			
20) 2-Butanone-d5	7.074	46	64728	49.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.62%			
24) Chloroform-d	7.647	84	289753	27.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.60%			
26) 1,2-Dichloroethane-d4	8.305	65	151720	27.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.72%			
29) Benzene-d6	8.275	84	560527	28.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.44%			
33) 1,2-Dichloropropane-d6	9.274	67	158115	28.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.44%			
37) Toluene-d8	10.323	98	533671	28.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.52%			
38) trans-1,3-Dichloroprop...	10.579	79	71766	28.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.56%			
39) 2-Hexanone-d5	10.927	63	54102	51.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.40%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	131615	27.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	194166	28.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	124364	23.22	ug/L	100
3) Chloromethane	2.221	50	99112	25.13	ug/L	98
5) Vinyl chloride	2.367	62	140879	25.90	ug/L	99
6) Bromomethane	2.782	94	98187	25.38	ug/L	99
8) Chloroethane	2.928	64	83568	25.71	ug/L	95
9) Trichlorofluoromethane	3.263	101	83548	21.24	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141083	25.10	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	136251	25.77	ug/L	99
13) Acetone	4.117	43	36951	38.05	ug/L	98
14) Carbon disulfide	4.391	76	401293	26.06	ug/L	97
15) Methyl Acetate	4.672	43	50466	23.43	ug/L	97
16) Methylene chloride	4.922	84	140517	22.16	ug/L	94
17) Methyl tert-butyl Ether	5.421	73	151789	25.57	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	147574	26.11	ug/L	97
19) 1,1-Dichloroethane	6.220	63	241298	26.46	ug/L	98
21) 2-Butanone	7.171	43	64145	43.39	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	158406	27.03	ug/L	97
23) Bromochloromethane	7.513	128	75365	26.75	ug/L	93
25) Chloroform	7.677	83	261849	26.31	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	166954	25.84	ug/L	99
30) Cyclohexane	7.958	56	211278	25.66	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	204877	25.67	ug/L	99
32) Carbon tetrachloride	8.067	117	195160	25.25	ug/L	98
34) Benzene	8.323	78	566800	26.95	ug/L	100
35) Trichloroethene	9.091	95	154852	26.12	ug/L	99
36) Methylcyclohexane	9.335	83	254374	25.52	ug/L	97
40) 1,2-Dichloropropane	9.372	63	133724	27.70	ug/L	100
41) Bromodichloromethane	9.646	83	188114	27.22	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	215565	27.71	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	144937	48.29	ug/L	94
44) Toluene	10.390	91	627137	27.09	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	184705	27.28	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	108841	26.42	ug/L	98
47) Tetrachloroethene	10.859	164	129030	25.57	ug/L	99
49) 2-Hexanone	10.969	43	100635	48.25	ug/L	95
50) Dibromochloromethane	11.128	129	130041	26.34	ug/L	100
51) 1,2-Dibromoethane	11.237	107	105566	25.69	ug/L	98
52) Chlorobenzene	11.658	112	408618	26.79	ug/L	98
53) Ethylbenzene	11.731	91	703127	26.73	ug/L	99
54) m,p-Xylene	11.841	106	272101	27.13	ug/L	99
55) o-xylene	12.164	106	263346	27.67	ug/L	99
56) Styrene	12.182	104	451256	27.88	ug/L	98
57) Isopropylbenzene	12.463	105	705297	26.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	120936	24.81	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	89795	24.32	ug/L	99
62) Bromoform	12.347	173	77067	25.89	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	335590	27.26	ug/L	96
64) 1,4-Dichlorobenzene	13.578	146	322891	26.07	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	296743	26.73	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	19759	23.49	ug/L	89
67) 1,3,5-Trichlorobenzene	14.627	180	250106	26.44	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	206069	26.13	ug/L	95
69) Naphthalene	15.365	128	387915	25.28	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	187557	26.68	ug/L	99

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

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