

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018206.D
 Acq On : 18 Feb 2021 12:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Feb 18 13:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	335803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	167874	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	83486	20.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.00%		
7) Chloroethane-d5	2.898	69	75072	22.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.64%		
10) 1,1-Dichloroethene-d2	4.031	63	197360	23.66	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.64%		
20) 2-Butanone-d5	7.080	46	56843	51.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.08%		
24) Chloroform-d	7.647	84	238902	27.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.44%		
26) 1,2-Dichloroethane-d4	8.305	65	116463	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.24%		
29) Benzene-d6	8.275	84	450006	26.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.60%		
33) 1,2-Dichloropropane-d6	9.274	67	128025	27.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.44%		
37) Toluene-d8	10.323	98	427019	26.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.32%		
38) trans-1,3-Dichloroprop...	10.579	79	56858	26.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.24%		
39) 2-Hexanone-d5	10.927	63	49261	55.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.12%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	114160	27.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	170589	28.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	113.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	104775	23.06	ug/L	98
3) Chloromethane	2.215	50	80493	24.05	ug/L	99
5) Vinyl chloride	2.367	62	122722	26.59	ug/L	99
6) Bromomethane	2.788	94	83370	25.40	ug/L	99
8) Chloroethane	2.934	64	70930	25.72	ug/L	93
9) Trichlorofluoromethane	3.263	101	90159	27.02	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	131213	27.51	ug/L #	64
12) 1,1-Dichloroethene	4.050	96	124942	27.85	ug/L	87
13) Acetone	4.123	43	33039	40.10	ug/L	97
14) Carbon disulfide	4.391	76	335077	25.64	ug/L	98
15) Methyl Acetate	4.672	43	41294	22.59	ug/L	96
16) Methylene chloride	4.922	84	125871	23.39	ug/L	91
17) Methyl tert-butyl Ether	5.421	73	130519	25.91	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	130291	27.17	ug/L	94
19) 1,1-Dichloroethane	6.220	63	212114	27.41	ug/L	98
21) 2-Butanone	7.171	43	54204	43.21	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	138676	27.88	ug/L	94
23) Bromochloromethane	7.513	128	64195	26.85	ug/L	89
25) Chloroform	7.677	83	231133	27.37	ug/L	100
27) 1,2-Dichloroethane	8.403	62	135796	24.77	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	186828	26.81	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	189601	28.06	ug/L	98
32) Carbon tetrachloride	8.073	117	185967	28.42	ug/L	100
34) Benzene	8.323	78	496712	27.89	ug/L	100
35) Trichloroethene	9.092	95	138088	27.52	ug/L	99
36) Methylcyclohexane	9.335	83	232158	27.51	ug/L	96
40) 1,2-Dichloropropane	9.366	63	114402	28.00	ug/L	100
41) Bromodichloromethane	9.646	83	160417	27.41	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	182598	27.73	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	121619	47.86	ug/L	93
44) Toluene	10.384	91	547923	27.95	ug/L	100
45) trans-1,3-Dichloropropene	10.603	75	157047	27.39	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	93050	26.68	ug/L	99
47) Tetrachloroethene	10.860	164	122001	28.55	ug/L	95
49) 2-Hexanone	10.969	43	83648	47.37	ug/L	96
50) Dibromochloromethane	11.128	129	114104	27.30	ug/L	97
51) 1,2-Dibromoethane	11.237	107	91743	26.37	ug/L	96
52) Chlorobenzene	11.658	112	364130	28.20	ug/L	97
53) Ethylbenzene	11.731	91	622767	27.96	ug/L	97
54) m,p-Xylene	11.841	106	245856	28.95	ug/L	96
55) o-xylene	12.164	106	230484	28.61	ug/L	98
56) Styrene	12.182	104	399112	29.13	ug/L	95
57) Isopropylbenzene	12.463	105	649984	28.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	105660	25.61	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	76977	24.62	ug/L	99
62) Bromoform	12.347	173	65973	25.50	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	290064	27.11	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	296517	27.55	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	269828	27.96	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	16527	22.61	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	235840	28.69	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	187564	27.37	ug/L	94
69) Naphthalene	15.365	128	337082	25.28	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164113	26.86	ug/L	99

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

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