

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018410.D
 Acq On : 20 Mar 2021 01:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Mar 20 04:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	484933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	452495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	220713	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	174753	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.60%			
7) Chloroethane-d5	2.892	69	164214	27.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.20%			
10) 1,1-Dichloroethene-d2	4.032	63	290051	24.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.56%			
20) 2-Butanone-d5	7.080	46	90367	60.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.30%			
24) Chloroform-d	7.653	84	333014	26.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.84%			
26) 1,2-Dichloroethane-d4	8.305	65	196810	27.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.20%			
29) Benzene-d6	8.275	84	621327	25.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.32%			
33) 1,2-Dichloropropane-d6	9.275	67	182390	26.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.16%			
37) Toluene-d8	10.323	98	609426	26.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.24%			
38) trans-1,3-Dichloroprop...	10.579	79	91930	25.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.76%			
39) 2-Hexanone-d5	10.927	63	77733	57.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.48%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	181210	29.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.76%			
61) 1,2-Dichlorobenzene-d4	13.853	152	209686	26.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	120882	21.70	ug/L	97
3) Chloromethane	2.221	50	173059	24.65	ug/L	99
5) Vinyl chloride	2.367	62	238788	25.90	ug/L	99
6) Bromomethane	2.782	94	184537	27.72	ug/L	100
8) Chloroethane	2.928	64	155113	26.98	ug/L	97
9) Trichlorofluoromethane	3.263	101	111645	24.07	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	148953	24.97	ug/L	98
12) 1,1-Dichloroethene	4.050	96	151279	24.85	ug/L	98
13) Acetone	4.123	43	56361	52.22	ug/L	98
14) Carbon disulfide	4.391	76	448736	24.48	ug/L	99
15) Methyl Acetate	4.672	43	69759	28.26	ug/L	97
16) Methylene chloride	4.922	84	175281	22.04	ug/L	89
17) Methyl tert-butyl Ether	5.428	73	238008	26.76	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	166584	24.79	ug/L	97
19) 1,1-Dichloroethane	6.214	63	294403	25.67	ug/L	96
21) 2-Butanone	7.171	43	94266	54.97	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	179554	25.40	ug/L	98
23) Bromochloromethane	7.513	128	79827	25.52	ug/L	88
25) Chloroform	7.677	83	316437	26.00	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	232613	26.94	ug/L	99
30) Cyclohexane	7.958	56	251727	23.43	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	251186	24.84	ug/L	96
32) Carbon tetrachloride	8.067	117	234199	24.85	ug/L	99
34) Benzene	8.323	78	681904	26.02	ug/L	100
35) Trichloroethene	9.092	95	180465	24.93	ug/L	99
36) Methylcyclohexane	9.335	83	302734	23.88	ug/L	98
40) 1,2-Dichloropropane	9.366	63	162677	25.38	ug/L	98
41) Bromodichloromethane	9.646	83	234226	25.85	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	270709	24.97	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	215443	55.89	ug/L	97
44) Toluene	10.390	91	764906	25.68	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	252420	25.93	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	134671	26.35	ug/L	93
47) Tetrachloroethene	10.866	164	131156	23.86	ug/L	94
49) 2-Hexanone	10.969	43	150880	55.31	ug/L	99
50) Dibromochloromethane	11.128	129	157764	26.18	ug/L	93
51) 1,2-Dibromoethane	11.238	107	136093	26.88	ug/L	93
52) Chlorobenzene	11.658	112	479498	25.38	ug/L	94
53) Ethylbenzene	11.731	91	854253	25.43	ug/L	98
54) m,p-Xylene	11.835	106	319484	24.89	ug/L	94
55) o-xylene	12.164	106	315758	25.81	ug/L	99
56) Styrene	12.176	104	545760	26.16	ug/L	99
57) Isopropylbenzene	12.463	105	829020	24.91	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	175457	28.36	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	132424	28.35	ug/L	99
62) Bromoform	12.347	173	89627	26.48	ug/L #	97
63) 1,3-Dichlorobenzene	13.493	146	364437	25.80	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	365533	25.64	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	339015	26.85	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	32082	28.12	ug/L	91
67) 1,3,5-Trichlorobenzene	14.621	180	248088	24.35	ug/L	94
68) 1,2,4-trichlorobenzene	15.133	180	214772	24.78	ug/L	92
69) Naphthalene	15.365	128	511608	28.34	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	197513	26.11	ug/L	99

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

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