

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
 Data File : VW018256.D
 Acq On : 08 Mar 2021 16:09
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Quant Time: Mar 09 01:01:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 09 00:50:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	259586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	226491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	113821	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	67523	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.08%			
7) Chloroethane-d5	2.892	69	54938	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.28%			
10) 1,1-Dichloroethene-d2	4.026	63	156486	23.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.84%			
20) 2-Butanone-d5	7.080	46	32667	48.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.76%			
24) Chloroform-d	7.653	84	170924	24.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	8.305	65	91445	23.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%			
29) Benzene-d6	8.275	84	302971	25.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.52%			
33) 1,2-Dichloropropane-d6	9.275	67	82601	24.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.88%			
37) Toluene-d8	10.323	98	286814	24.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.60%			
38) trans-1,3-Dichloroprop...	10.579	79	41126	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.32%			
39) 2-Hexanone-d5	10.921	63	29152	52.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.90%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	70736	24.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.04%			
61) 1,2-Dichlorobenzene-d4	13.853	152	96133	23.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	93894	26.07	ug/L	95
3) Chloromethane	2.215	50	60283	25.53	ug/L	97
5) Vinyl chloride	2.367	62	91420	25.20	ug/L	96
6) Bromomethane	2.788	94	67674	25.09	ug/L	99
8) Chloroethane	2.934	64	53323	25.62	ug/L	97
9) Trichlorofluoromethane	3.263	101	77448	25.32	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	95486	25.83	ug/L	100
12) 1,1-Dichloroethene	4.050	96	87940	25.78	ug/L	98
13) Acetone	4.123	43	23202	44.42	ug/L	98
14) Carbon disulfide	4.391	76	254413	25.60	ug/L	99
15) Methyl Acetate	4.672	43	29037	25.71	ug/L	98
16) Methylene chloride	4.916	84	88031	22.22	ug/L	95
17) Methyl tert-butyl Ether	5.428	73	100809	25.77	ug/L	100
18) trans-1,2-Dichloroethene	5.434	96	93925	25.91	ug/L	91
19) 1,1-Dichloroethane	6.220	63	155074	26.10	ug/L	98
21) 2-Butanone	7.171	43	35395	48.91	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	96355	25.40	ug/L	92
23) Bromochloromethane	7.513	128	43583	25.53	ug/L	93
25) Chloroform	7.677	83	177883	26.13	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	114635	25.39	ug/L	97
30) Cyclohexane	7.958	56	133598	27.34	ug/L	100
31) 1,1,1-Trichloroethane	7.878	97	151564	27.11	ug/L	99
32) Carbon tetrachloride	8.074	117	144851	26.91	ug/L	98
34) Benzene	8.324	78	353641	27.13	ug/L	100
35) Trichloroethene	9.092	95	101362	26.54	ug/L	97
36) Methylcyclohexane	9.336	83	168343	27.40	ug/L	99
40) 1,2-Dichloropropane	9.366	63	81137	26.80	ug/L	100
41) Bromodichloromethane	9.646	83	127938	27.19	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	138064	27.22	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	86804	55.25	ug/L	99
44) Toluene	10.390	91	401003	27.46	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	125002	27.58	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	67768	27.25	ug/L	93
47) Tetrachloroethene	10.860	164	76788	26.85	ug/L	94
49) 2-Hexanone	10.963	43	60170	55.55	ug/L	99
50) Dibromochloromethane	11.128	129	84898	27.76	ug/L	96
51) 1,2-Dibromoethane	11.232	107	64976	26.52	ug/L	96
52) Chlorobenzene	11.658	112	251813	26.61	ug/L	98
53) Ethylbenzene	11.731	91	456528	27.20	ug/L	99
54) m,p-Xylene	11.841	106	172292	27.10	ug/L	99
55) o-xylene	12.164	106	165081	27.76	ug/L	97
56) Styrene	12.183	104	280892	27.60	ug/L	94
57) Isopropylbenzene	12.463	105	457294	27.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	75078	26.17	ug/L	91
59) 1,2,3-Trichloropropane	12.768	75	56616	26.05	ug/L	97
62) Bromoform	12.353	173	43337	25.88	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	190747	25.23	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	197875	26.46	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	171743	25.25	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	13314	25.07	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.627	180	139533	25.29	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	108294	23.92	ug/L	86
69) Naphthalene	15.365	128	236120	26.50	ug/L	98
70) 1,2,3-Trichlorobenzene	15.554	180	98087	24.89	ug/L	94

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

