

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018374.D
 Acq On : 18 Mar 2021 18:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV06

Quant Time: Mar 18 19:04:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 17:46:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	590378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	538932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	264932	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	198400	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.60%		
7) Chloroethane-d5	2.891	69	176176	24.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.00%		
10) 1,1-Dichloroethene-d2	4.025	63	342444	24.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.56%		
20) 2-Butanone-d5	7.074	46	98141	53.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.32%		
24) Chloroform-d	7.647	84	362916	24.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.52%		
26) 1,2-Dichloroethane-d4	8.305	65	214772	24.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.88%		
29) Benzene-d6	8.275	84	694612	24.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.96%		
33) 1,2-Dichloropropane-d6	9.274	67	202515	24.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.00%		
37) Toluene-d8	10.323	98	678629	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.40%		
38) trans-1,3-Dichloroprop...	10.579	79	107927	25.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.28%		
39) 2-Hexanone-d5	10.920	63	88124	54.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.98%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	191376	25.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	237232	25.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	173106	25.53	ug/L	93
3) Chloromethane	2.221	50	216185	25.29	ug/L	99
5) Vinyl chloride	2.367	62	282354	25.16	ug/L	99
6) Bromomethane	2.788	94	206411	25.47	ug/L	97
8) Chloroethane	2.928	64	176948	25.28	ug/L	97
9) Trichlorofluoromethane	3.263	101	146401	25.92	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	182440	25.13	ug/L	100
12) 1,1-Dichloroethene	4.044	96	181473	24.49	ug/L	88
13) Acetone	4.117	43	67102	51.07	ug/L	98
14) Carbon disulfide	4.391	76	565577	25.34	ug/L	100
15) Methyl Acetate	4.672	43	81849	27.24	ug/L	99
16) Methylene chloride	4.922	84	196880	20.33	ug/L	89
17) Methyl tert-butyl Ether	5.428	73	281831	26.03	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	200864	24.55	ug/L	97
19) 1,1-Dichloroethane	6.214	63	352636	25.26	ug/L	97
21) 2-Butanone	7.165	43	108913	52.17	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	216935	25.21	ug/L	97
23) Bromochloromethane	7.513	128	94741	24.87	ug/L #	83
25) Chloroform	7.677	83	372591	25.15	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	270977	25.78	ug/L	98
30) Cyclohexane	7.958	56	320899	25.08	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	303777	25.22	ug/L	97
32) Carbon tetrachloride	8.073	117	287680	25.63	ug/L	98
34) Benzene	8.323	78	798766	25.59	ug/L	100
35) Trichloroethene	9.092	95	219069	25.41	ug/L	99
36) Methylcyclohexane	9.335	83	378868	25.09	ug/L	98
40) 1,2-Dichloropropane	9.366	63	192436	25.20	ug/L	98
41) Bromodichloromethane	9.646	83	281290	26.06	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	336806	26.09	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	251760	54.83	ug/L	98
44) Toluene	10.384	91	905893	25.53	ug/L	95
45) trans-1,3-Dichloropropene	10.603	75	304512	26.27	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	158118	25.97	ug/L	98
47) Tetrachloroethene	10.860	164	162713	24.85	ug/L	96
49) 2-Hexanone	10.969	43	179305	55.19	ug/L	98
50) Dibromochloromethane	11.128	129	190282	26.51	ug/L	94
51) 1,2-Dibromoethane	11.231	107	160801	26.67	ug/L	100
52) Chlorobenzene	11.658	112	561263	24.94	ug/L	99
53) Ethylbenzene	11.731	91	1014048	25.35	ug/L	99
54) m,p-Xylene	11.835	106	395094	25.84	ug/L	97
55) o-xylene	12.164	106	376032	25.80	ug/L	99
56) Styrene	12.176	104	638878	25.71	ug/L	98
57) Isopropylbenzene	12.463	105	1026226	25.89	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	199715	27.10	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	151978	27.32	ug/L	96
62) Bromoform	12.347	173	112468	27.68	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	437845	25.82	ug/L	95
64) 1,4-Dichlorobenzene	13.572	146	436973	25.54	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	404605	26.70	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	37407	27.31	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	305995	25.02	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	275949	26.52	ug/L	97
69) Naphthalene	15.365	128	596134	27.52	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	232700	25.63	ug/L	99

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

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