

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018219.D
 Acq On : 22 Feb 2021 13:25
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV04

Quant Time: Feb 23 01:36:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 23 01:10:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	418490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	374426	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	192299	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	117629	25.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.76%			
7) Chloroethane-d5	2.898	69	93416	26.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.68%			
10) 1,1-Dichloroethene-d2	4.025	63	237673	25.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.60%			
20) 2-Butanone-d5	7.074	46	46633	48.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.76%			
24) Chloroform-d	7.647	84	249001	25.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.52%			
26) 1,2-Dichloroethane-d4	8.305	65	118078	24.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%			
29) Benzene-d6	8.275	84	487499	25.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.64%			
33) 1,2-Dichloropropane-d6	9.274	67	132993	25.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.88%			
37) Toluene-d8	10.323	98	470331	25.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.48%			
38) trans-1,3-Dichloroprop...	10.579	79	59288	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.88%			
39) 2-Hexanone-d5	10.920	63	41520	51.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.50%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	103961	25.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.84%			
61) 1,2-Dichlorobenzene-d4	13.853	152	172201	25.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	119462	23.13	ug/L	99
3) Chloromethane	2.221	50	99923	25.55	ug/L	99
5) Vinyl chloride	2.367	62	143121	24.95	ug/L	98
6) Bromomethane	2.788	94	99363	25.61	ug/L	99
8) Chloroethane	2.934	64	83163	25.78	ug/L	97
9) Trichlorofluoromethane	3.263	101	97647	23.26	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	137344	25.24	ug/L	99
12) 1,1-Dichloroethene	4.044	96	134460	25.11	ug/L	95
13) Acetone	4.117	43	35109	49.89	ug/L	98
14) Carbon disulfide	4.391	76	402845	24.43	ug/L	100
15) Methyl Acetate	4.665	43	42465	24.35	ug/L	98
16) Methylene chloride	4.922	84	132533	23.52	ug/L	98
17) Methyl tert-butyl Ether	5.421	73	140307	25.15	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	143271	25.30	ug/L	97
19) 1,1-Dichloroethane	6.214	63	224203	25.58	ug/L	99
21) 2-Butanone	7.165	43	52898	48.97	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	148949	25.93	ug/L	98
23) Bromochloromethane	7.513	128	68078	25.50	ug/L	94
25) Chloroform	7.677	83	241299	25.52	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144796	25.43	ug/L	99
30) Cyclohexane	7.958	56	203042	25.66	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	202604	25.89	ug/L	99
32) Carbon tetrachloride	8.067	117	196652	25.55	ug/L	99
34) Benzene	8.323	78	530677	26.05	ug/L	100
35) Trichloroethene	9.092	95	146953	25.75	ug/L	98
36) Methylcyclohexane	9.335	83	244836	25.24	ug/L	99
40) 1,2-Dichloropropane	9.366	63	119817	25.57	ug/L	99
41) Bromodichloromethane	9.640	83	170057	25.75	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	195814	26.14	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	118323	50.09	ug/L	100
44) Toluene	10.384	91	594685	26.34	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	164749	25.60	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	97998	25.87	ug/L	93
47) Tetrachloroethene	10.859	164	128784	25.60	ug/L	96
49) 2-Hexanone	10.969	43	82280	51.17	ug/L	98
50) Dibromochloromethane	11.128	129	123892	26.33	ug/L	95
51) 1,2-Dibromoethane	11.231	107	95748	25.86	ug/L	98
52) Chlorobenzene	11.658	112	389056	25.97	ug/L	97
53) Ethylbenzene	11.731	91	664655	26.16	ug/L	98
54) m,p-Xylene	11.835	106	263793	26.65	ug/L	99
55) o-xylene	12.164	106	249150	26.64	ug/L	97
56) Styrene	12.182	104	420597	26.66	ug/L	98
57) Isopropylbenzene	12.463	105	681790	26.77	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	106166	25.27	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	77880	25.07	ug/L	100
62) Bromoform	12.347	173	70396	25.11	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	316487	25.89	ug/L	99
64) 1,4-Dichlorobenzene	13.579	146	316190	25.97	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	279127	25.88	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	17019	24.94	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	246161	26.02	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	206059	26.98	ug/L	99
69) Naphthalene	15.365	128	356110	26.62	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	174784	26.03	ug/L	100

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

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