

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020521\
 Data File : VW020276.D
 Acq On : 05 Feb 2021 15:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Feb 06 04:27:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:56:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	609460	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	588872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	329725	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	220288	49.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.16%		
7) Chloroethane-d5	1.566	69	186076	51.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.08%		
11) 1,1-Dichloroethene-d2	2.109	63	426659	50.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.58%		
21) 2-Butanone-d5	3.878	46	232502	93.66	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.66%		
24) Chloroform-d	4.347	84	397452	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.52%		
26) 1,2-Dichloroethane-d4	5.032	65	252467	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.72%		
32) Benzene-d6	5.048	84	774110	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.48%		
36) 1,2-Dichloropropane-d6	6.071	67	231661	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.72%		
41) Toluene-d8	7.318	98	738424	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.00%		
43) trans-1,3-Dichloroprop...	7.620	79	118642	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.20%		
47) 2-Hexanone-d5	8.090	63	184326	97.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.27%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	323122	49.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.80%		
64) 1,2-Dichlorobenzene-d4	11.630	152	307547	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.132	85	278417	51.38	ug/L	100
3) Chloromethane	1.241	50	221037	45.88	ug/L	98
5) Vinyl chloride	1.312	62	259725	50.07	ug/L	100
6) Bromomethane	1.521	94	167661	51.72	ug/L	99
8) Chloroethane	1.585	64	165318	50.96	ug/L	99
9) Trichlorofluoromethane	1.753	101	370397	50.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	210194	53.58	ug/L	93
12) 1,1-Dichloroethene	2.119	96	192534	50.93	ug/L	85
13) Acetone	2.171	43	170356	97.21	ug/L	93
14) Carbon disulfide	2.296	76	559769	50.24	ug/L	99
15) Methyl Acetate	2.431	43	172503	46.27	ug/L	92
16) Methylene chloride	2.508	84	205997	49.74	ug/L	88
17) trans-1,2-Dichloroethene	2.759	96	199487	50.89	ug/L	93
18) Methyl tert-butyl Ether	2.769	73	589475	49.52	ug/L	96
19) 1,1-Dichloroethane	3.190	63	355897	49.98	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	212833	50.49	ug/L	89
22) 2-Butanone	3.958	43	243063	97.53	ug/L	91
23) Bromochloromethane	4.248	128	112544	49.37	ug/L #	81
25) Chloroform	4.376	83	371955	49.89	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	297399	50.38	ug/L	97
29) Cyclohexane	4.678	56	311845	52.23	ug/L	89
30) 1,1,1-Trichloroethane	4.608	97	330125	50.49	ug/L	98
31) Carbon tetrachloride	4.830	117	291492	51.26	ug/L	100
33) Benzene	5.100	78	801497	50.90	ug/L	100
34) Trichloroethene	5.913	95	219199	50.66	ug/L	94
35) Methylcyclohexane	6.132	83	352852	53.86	ug/L	92
37) 1,2-Dichloropropane	6.174	63	204453	51.26	ug/L	98
38) Bromodichloromethane	6.511	83	275692	50.29	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	329892	52.23	ug/L	99
40) 4-Methyl-2-pentanone	7.225	43	473618	94.18	ug/L #	92
42) Toluene	7.389	91	890456	51.41	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	317888	51.75	ug/L	100
45) 1,1,2-Trichloroethane	7.839	97	202602	49.36	ug/L	96
46) Tetrachloroethene	7.977	164	181776	51.41	ug/L	95
48) 2-Hexanone	8.138	43	368724	95.84	ug/L #	92
49) Dibromochloromethane	8.247	129	228052	50.35	ug/L	100
50) 1,2-Dibromoethane	8.354	107	219194	49.85	ug/L #	100
51) Chlorobenzene	8.884	112	580634	49.97	ug/L	95
52) Ethylbenzene	9.016	91	990240	51.77	ug/L	97
53) m,p-Xylene	9.141	106	378140	51.92	ug/L	95
54) o-xylene	9.546	106	363696	51.29	ug/L	95
55) Styrene	9.563	104	641145	52.54	ug/L	95
56) Isopropylbenzene	9.935	105	997947	52.45	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	314827	48.68	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	257245	48.11	ug/L	99
61) Bromoform	9.736	173	158658	47.29	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	486635	49.89	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	496358	49.63	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	482397	49.54	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	68876	46.11	ug/L	84
67) 1,3,5-Trichlorobenzene	12.652	180	381798	50.13	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	342853	50.73	ug/L	97
69) Naphthalene	13.511	128	985059	50.90	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	341981	50.83	ug/L	98

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

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