

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020181.D
 Acq On : 26 Jan 2021 20:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050168

Quant Time: Jan 27 07:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	906435	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	800692	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	462161	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	321009	52.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.84%			
7) Chloroethane-d5	1.569	69	263320	55.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.44%			
11) 1,1-Dichloroethene-d2	2.110	63	423512	44.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.68%			
21) 2-Butanone-d5	3.897	46	481434	121.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.85%			
24) Chloroform-d	4.354	84	620195	55.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.38%			
26) 1,2-Dichloroethane-d4	5.036	65	405723	57.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.12%			
32) Benzene-d6	5.055	84	1158693	57.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.56%			
36) 1,2-Dichloropropane-d6	6.074	67	369127	57.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.08%			
41) Toluene-d8	7.318	98	1052186	55.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.08%			
43) trans-1,3-Dichloroprop...	7.624	79	183458	58.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.50%			
47) 2-Hexanone-d5	8.090	63	363045	131.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.45%#			
56) 1,1,2,2-Tetrachloroeth...	10.222	84	537856	60.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.16%#			
66) 1,2-Dichlorobenzene-d4	11.630	152	461048	53.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	298234	47.07	ug/L	100
3) Chloromethane	1.241	50	364639	50.66	ug/L	100
5) Vinyl chloride	1.312	62	333424	52.02	ug/L	100
6) Bromomethane	1.524	94	190925	53.90	ug/L	100
8) Chloroethane	1.585	64	213950	54.12	ug/L	99
9) Trichlorofluoromethane	1.753	101	454604	48.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	199229	41.44	ug/L	98
12) 1,1-Dichloroethene	2.119	96	212886	46.99	ug/L	96
13) Acetone	2.190	43	291781	123.31	ug/L	96
14) Carbon disulfide	2.296	76	691947	52.93	ug/L	100
15) Methyl Acetate	2.438	43	333977	62.74	ug/L	97
16) Methylene chloride	2.508	84	307532	56.54	ug/L	93
17) trans-1,2-Dichloroethene	2.762	96	276600	53.72	ug/L	95
18) Methyl tert-butyl Ether	2.769	73	945258	58.10	ug/L	98
19) 1,1-Dichloroethane	3.193	63	539123	55.17	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	316377	53.83	ug/L	100
22) 2-Butanone	3.978	43	482429	121.55	ug/L	99
23) Bromochloromethane	4.251	128	169769	52.72	ug/L	97
25) Chloroform	4.380	83	565104	53.85	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	460347	55.62	ug/L	98
29) Cyclohexane	4.682	56	389418	48.72	ug/L	99
30) 1,1,1-Trichloroethane	4.614	97	479148	54.25	ug/L	99
31) Carbon tetrachloride	4.833	117	395820	51.57	ug/L	100
33) Benzene	5.103	78	1162164	55.63	ug/L	100
34) Trichloroethene	5.920	95	298794	51.32	ug/L	99
35) Methylcyclohexane	6.135	83	393532	46.10	ug/L	99
37) 1,2-Dichloropropane	6.177	63	312159	55.51	ug/L	100
38) Bromodichloromethane	6.515	83	420269	55.24	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	484442	57.22	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	934175	120.97	ug/L	99
42) Toluene	7.392	91	1219356	54.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	471094	57.61	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	313890	58.15	ug/L	98
46) Tetrachloroethene	7.981	164	240677	50.46	ug/L	98
48) 2-Hexanone	8.142	43	717039	129.73	ug/L	100
49) Dibromochloromethane	8.251	129	345195	57.35	ug/L	99
50) 1,2-Dibromoethane	8.357	107	337155	58.53	ug/L	98
51) Chlorobenzene	8.887	112	798006	53.35	ug/L	99
52) Ethylbenzene	9.016	91	1121777	45.22	ug/L	98
53) m,p-Xylene	9.145	106	490833	51.74	ug/L	99
54) o-Xylene	9.550	106	507325	54.32	ug/L	100
55) Styrene	9.566	104	909102	56.36	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.248	83	514358	58.32	ug/L	99
59) Bromoform	9.736	173	267235	52.72	ug/L	100
60) Isopropylbenzene	9.936	105	1304595	50.34	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	422944	57.34	ug/L	100
62) 1,3,5-Trimethylbenzene	10.543	105	1111033	50.05	ug/L	99
63) 1,2,4-Trimethylbenzene	10.920	105	957698	43.81	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	615664	46.16	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	646375	47.13	ug/L	99
67) 1,2-Dichlorobenzene	11.649	146	691734	51.61	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.437	75	124692	57.50	ug/L	99
69) 1,3,5-Trichlorobenzene	12.653	180	550217	49.05	ug/L	100
70) 1,2,4-trichlorobenzene	13.270	180	462981	44.72	ug/L	99
71) Naphthalene	13.511	128	1383263	47.39	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	474768	46.23	ug/L	99

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

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