

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020175.D
 Acq On : 26 Jan 2021 16:11
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200166

Quant Time: Jan 27 06:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	1044498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	963608	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	542604	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	1300821	187.26	ug/L	0.00
7) Chloroethane-d5	1.569	69	945458	167.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	2189627	209.09	ug/L	0.00
21) 2-Butanone-d5	3.884	46	1974303	403.04	ug/L	0.00
24) Chloroform-d	4.351	84	2624269	200.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	1688445	200.10	ug/L	0.00
32) Benzene-d6	5.055	84	4981572	208.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	1569549	209.85	ug/L	0.00
41) Toluene-d8	7.322	98	4399812	197.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	806163	214.22	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	1447897	407.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	2071726	200.94	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	2025785	205.76	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	1349888	189.53	ug/L	100
3) Chloromethane	1.241	50	1514695	189.45	ug/L	100
5) Vinyl chloride	1.312	62	1349195	185.30	ug/L	100
6) Bromomethane	1.521	94	706461	176.81	ug/L	100
8) Chloroethane	1.585	64	746918	163.84	ug/L	98
9) Trichlorofluoromethane	1.749	101	1813960	170.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	1060051	211.96	ug/L	97
12) 1,1-Dichloroethene	2.116	96	1050206	221.13	ug/L	91
13) Acetone	2.180	43	1064068	462.23	ug/L	97
14) Carbon disulfide	2.293	76	3016412	230.04	ug/L	100
15) Methyl Acetate	2.434	43	1246123	226.14	ug/L	98
16) Methylene chloride	2.508	84	1217386	218.92	ug/L	97
17) trans-1,2-Dichloroethene	2.759	96	1169660	210.12	ug/L	98
18) Methyl tert-butyl Ether	2.769	73	3803806	216.38	ug/L	100
19) 1,1-Dichloroethane	3.190	63	2148410	184.12	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	1390132	204.07	ug/L	98
22) 2-Butanone	3.968	43	1990499	407.73	ug/L	98
23) Bromochloromethane	4.248	128	737074	202.01	ug/L	97
25) Chloroform	4.380	83	2408752	198.70	ug/L	98
27) 1,2-Dichloroethane	5.132	62	1912851	195.23	ug/L	100
29) Cyclohexane	4.682	56	1948378	209.01	ug/L	99
30) 1,1,1-Trichloroethane	4.611	97	2183034	213.76	ug/L	98
31) Carbon tetrachloride	4.830	117	1899853	213.44	ug/L	100
33) Benzene	5.103	78	5016408	205.47	ug/L	100
34) Trichloroethene	5.916	95	1367995	210.84	ug/L	98
35) Methylcyclohexane	6.135	83	2035011	210.47	ug/L	99
37) 1,2-Dichloropropane	6.177	63	1321281	207.04	ug/L	100
38) Bromodichloromethane	6.511	83	1888486	218.04	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	2041387	200.28	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	3461236	371.36	ug/L	96
42) Toluene	7.392	91	5078915	193.16	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	2052970	208.57	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	1256881	197.59	ug/L	99
46) Tetrachloroethene	7.981	164	1120630	204.17	ug/L	97
48) 2-Hexanone	8.145	43	2685686	372.26	ug/L	97
49) Dibromochloromethane	8.251	129	1514050	210.98	ug/L	98
50) 1,2-Dibromoethane	8.357	107	1377062	200.35	ug/L	99
51) Chlorobenzene	8.887	112	3487546	199.28	ug/L	98
52) Ethylbenzene	9.016	91	5763951	194.67	ug/L	98
53) m,p-Xylene	9.145	106	2245856	199.70	ug/L	97
54) o-Xylene	9.550	106	2219256	203.29	ug/L	94
55) Styrene	9.566	104	3889518	199.17	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.248	83	2011084	200.85	ug/L	99
59) Bromoform	9.736	173	1238667	220.48	ug/L	99
60) Isopropylbenzene	9.936	105	5795912	217.20	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	1601394	192.67	ug/L	99
62) 1,3,5-Trimethylbenzene	10.547	105	5037702	215.63	ug/L	99
63) 1,2,4-Trimethylbenzene	10.919	105	5159139	212.88	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	3045674	201.67	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	3067697	199.50	ug/L	99
67) 1,2-Dichlorobenzene	11.653	146	3042635	201.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.437	75	521404	202.32	ug/L	92
69) 1,3,5-Trichlorobenzene	12.653	180	2617930	209.50	ug/L	99
70) 1,2,4-trichlorobenzene	13.270	180	2486247	212.34	ug/L	99
71) Naphthalene	13.511	128	7070593	202.38	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	2413847	208.40	ug/L	100

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

