

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020104.D
 Acq On : 21 Jan 2021 12:30
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Jan 21 13:14:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	467968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	398803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	222417	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	162911	54.37	ug/L	0.00
7) Chloroethane-d5	1.569	69	132080	56.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	315652	53.32	ug/L	0.00
21) 2-Butanone-d5	3.894	46	249425	118.20	ug/L	0.00
24) Chloroform-d	4.354	84	336871	51.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	220407	50.44	ug/L	0.00
32) Benzene-d6	5.055	84	639833	58.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	197862	60.97	ug/L	0.00
41) Toluene-d8	7.322	98	573160	56.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	86040	50.21	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	145372	112.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	243011	55.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	201756	47.06	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	180136	46.60	ug/L	98
3) Chloromethane	1.245	50	182492	60.11	ug/L	100
5) Vinyl chloride	1.312	62	187410	57.44	ug/L	99
6) Bromomethane	1.524	94	123800	55.18	ug/L	98
8) Chloroethane	1.585	64	114385	59.12	ug/L	99
9) Trichlorofluoromethane	1.753	101	268654	49.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	154525	54.19	ug/L	93
12) 1,1-Dichloroethene	2.119	96	146222	54.86	ug/L	88
13) Acetone	2.187	43	185609	104.07	ug/L	98
14) Carbon disulfide	2.296	76	465678	53.87	ug/L	99
15) Methyl Acetate	2.437	43	189972	61.54	ug/L	98
16) Methylene chloride	2.511	84	180141	54.62	ug/L	95
17) trans-1,2-Dichloroethene	2.765	96	168740	53.25	ug/L	95
18) Methyl tert-butyl Ether	2.772	73	528605	52.66	ug/L	99
19) 1,1-Dichloroethane	3.193	63	311457	55.02	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	183148	54.06	ug/L	90
22) 2-Butanone	3.978	43	273697	119.38	ug/L	97
23) Bromochloromethane	4.254	128	95914	50.83	ug/L	89
25) Chloroform	4.380	83	325972	52.78	ug/L	99
27) 1,2-Dichloroethane	5.135	62	264294	51.82	ug/L	97
29) Cyclohexane	4.685	56	277273	63.64	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	289177	55.84	ug/L	98
31) Carbon tetrachloride	4.833	117	245873	53.91	ug/L	100
33) Benzene	5.106	78	694756	60.99	ug/L	100
34) Trichloroethene	5.920	95	188773	55.97	ug/L	96
35) Methylcyclohexane	6.138	83	281185	59.15	ug/L	97
37) 1,2-Dichloropropane	6.180	63	178675	63.25	ug/L	99
38) Bromodichloromethane	6.514	83	238230	57.60	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	276275	59.46	ug/L	100
40) 4-Methyl-2-pentanone	7.231	43	528393	133.74	ug/L	99
42) Toluene	7.392	91	724336	58.88	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	242807	54.23	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	151477	52.39	ug/L	99
46) Tetrachloroethene	7.981	164	116129	45.90	ug/L	99
48) 2-Hexanone	8.145	43	369229	121.98	ug/L	99
49) Dibromochloromethane	8.251	129	166563	50.17	ug/L	99
50) 1,2-Dibromoethane	8.357	107	163564	51.74	ug/L	99
51) Chlorobenzene	8.887	112	417500	51.06	ug/L	99
52) Ethylbenzene	9.016	91	725311	52.68	ug/L	99
53) m,p-Xylene	9.145	106	271753	51.75	ug/L	98
54) o-xylene	9.550	106	268461	52.42	ug/L	100
55) Styrene	9.566	104	477241	54.03	ug/L	100
56) Isopropylbenzene	9.936	105	715444	52.05	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	238802	55.39	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	207628	54.61	ug/L	99
61) Bromoform	9.736	173	107613	47.09	ug/L	100
62) 1,3-Dichlorobenzene	11.186	146	328579	49.32	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	331117	48.47	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	336677	50.22	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	56031	55.14	ug/L	99
67) 1,3,5-Trichlorobenzene	12.653	180	291888	54.47	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	220062	47.27	ug/L	99
69) Naphthalene	13.511	128	660043	52.74	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	215279	48.56	ug/L	99

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

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