

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012621\
 Data File : VV020160.D
 Acq On : 25 Jan 2021 17:07
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050163

Quant Time: Jan 25 17:46:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	408862	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	419657	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	210175	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	180531	55.66	ug/L	0.00
7) Chloroethane-d5	1.569	69	146495	57.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	333590	55.60	ug/L	0.00
21) 2-Butanone-d5	3.888	46	229058	125.84	ug/L	0.00
24) Chloroform-d	4.354	84	301078	50.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	206688	50.15	ug/L	0.00
32) Benzene-d6	5.055	84	547487	47.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	170955	49.64	ug/L	0.00
41) Toluene-d8	7.318	98	508087	47.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	89175	46.49	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	175903	125.27	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	275572	57.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.630	152	203768	48.84	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	152066	58.62	ug/L	99
3) Chloromethane	1.241	50	196312	68.78	ug/L	99
5) Vinyl chloride	1.312	62	169278	59.59	ug/L	98
6) Bromomethane	1.524	94	76789	43.78	ug/L	98
8) Chloroethane	1.585	64	112227	60.22	ug/L	99
9) Trichlorofluoromethane	1.753	101	239955	53.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	139913	62.50	ug/L	95
12) 1,1-Dichloroethene	2.119	96	134128	58.37	ug/L	91
13) Acetone	2.177	43	159188	116.86	ug/L	100
14) Carbon disulfide	2.296	76	335829	52.48	ug/L	100
15) Methyl Acetate	2.434	43	157406	59.19	ug/L	97
16) Methylene chloride	2.508	84	138580	52.49	ug/L	94
17) trans-1,2-Dichloroethene	2.762	96	126364	52.41	ug/L	96
18) Methyl tert-butyl Ether	2.769	73	430577	51.41	ug/L	99
19) 1,1-Dichloroethane	3.193	63	252889	53.32	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	140181	52.55	ug/L	95
22) 2-Butanone	3.968	43	224931	127.69	ug/L	96
23) Bromochloromethane	4.254	128	73229	50.71	ug/L	92
25) Chloroform	4.380	83	265063	52.50	ug/L	100
27) 1,2-Dichloroethane	5.135	62	228190	53.00	ug/L	100
29) Cyclohexane	4.682	56	197177	54.94	ug/L	98
30) 1,1,1-Trichloroethane	4.611	97	230417	48.07	ug/L	97
31) Carbon tetrachloride	4.833	117	192306	46.94	ug/L	99
33) Benzene	5.103	78	536504	51.64	ug/L	100
34) Trichloroethene	5.916	95	139046	49.64	ug/L	91
35) Methylcyclohexane	6.135	83	201112	58.02	ug/L	99
37) 1,2-Dichloropropane	6.177	63	142669	51.31	ug/L	98
38) Bromodichloromethane	6.515	83	200495	50.61	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	227140	51.60	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	452640	118.50	ug/L	99
42) Toluene	7.392	91	568606	50.87	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	231515	51.27	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	138971	50.87	ug/L	97
46) Tetrachloroethene	7.981	164	106510	47.04	ug/L	92
48) 2-Hexanone	8.141	43	374160	126.56	ug/L	97
49) Dibromochloromethane	8.251	129	155695	48.40	ug/L	98
50) 1,2-Dibromoethane	8.357	107	157069	54.67	ug/L	99
51) Chlorobenzene	8.884	112	384113	50.96	ug/L	98
52) Ethylbenzene	9.016	91	655351	52.73	ug/L	100
53) m,p-Xylene	9.141	106	245196	52.83	ug/L	99
54) o-Xylene	9.550	106	259085	55.77	ug/L	100
55) Styrene	9.566	104	469078	56.67	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	239458	56.28	ug/L	99
59) Bromoform	9.736	173	123474	52.82	ug/L #	99
60) Isopropylbenzene	9.936	105	731462	63.16	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	198727	58.75	ug/L	99
62) 1,3,5-Trimethylbenzene	10.543	105	614684	63.81	ug/L	98
63) 1,2,4-Trimethylbenzene	10.919	105	563127	60.74	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	300981	52.24	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	311833	52.29	ug/L	98
67) 1,2-Dichlorobenzene	11.649	146	301248	51.26	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.437	75	59527	60.23	ug/L	92
69) 1,3,5-Trichlorobenzene	12.653	180	222650	53.43	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	221538	56.04	ug/L	98
71) Naphthalene	13.511	128	827724	69.94	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	254749	62.93	ug/L	98

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

