

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012621\
 Data File : VV020168.D
 Acq On : 25 Jan 2021 23:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050167

Quant Time: Jan 26 05:50:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 18:17:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	395296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	440469	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	193014	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	172589	55.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.02%
7) Chloroethane-d5	1.569	69	140286	58.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.24%
11) 1,1-Dichloroethene-d2	2.110	63	297708	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
21) 2-Butanone-d5	3.885	46	220138	114.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.23%
24) Chloroform-d	4.351	84	293889	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
26) 1,2-Dichloroethane-d4	5.036	65	202162	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.36%
32) Benzene-d6	5.055	84	519907	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
36) 1,2-Dichloropropane-d6	6.074	67	180762	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.318	98	476375	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%
43) trans-1,3-Dichloroprop...	7.624	79	84088	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.090	63	162239	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	248701	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
66) 1,2-Dichlorobenzene-d4	11.630	152	194019	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	139230	50.68	ug/L	99
3) Chloromethane	1.242	50	195247	53.54	ug/L	100
5) Vinyl chloride	1.312	62	171396	56.05	ug/L	100
6) Bromomethane	1.524	94	87352	64.36	ug/L	98
8) Chloroethane	1.586	64	114117	60.51	ug/L	99
9) Trichlorofluoromethane	1.753	101	225969	52.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	123076	50.72	ug/L	96
12) 1,1-Dichloroethene	2.119	96	124209	52.81	ug/L	97
13) Acetone	2.177	43	160057	112.91	ug/L	99
14) Carbon disulfide	2.296	76	316740	51.05	ug/L	100
15) Methyl Acetate	2.431	43	154879	56.52	ug/L	98
16) Methylene chloride	2.508	84	141434	56.34	ug/L	96
17) trans-1,2-Dichloroethene	2.762	96	123531	54.51	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	443873	57.45	ug/L	99
19) 1,1-Dichloroethane	3.193	63	250970	54.32	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	140931	54.88	ug/L	100
22) 2-Butanone	3.968	43	222307	116.72	ug/L	95
23) Bromochloromethane	4.254	128	76428	59.17	ug/L	94
25) Chloroform	4.380	83	269959	56.44	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	232849	57.15	ug/L	100
29) Cyclohexane	4.682	56	181949	44.67	ug/L	100
30) 1,1,1-Trichloroethane	4.614	97	226478	46.86	ug/L	98
31) Carbon tetrachloride	4.833	117	181710	44.62	ug/L	98
33) Benzene	5.103	78	531040	45.43	ug/L	100
34) Trichloroethene	5.917	95	142243	45.80	ug/L	97
35) Methylcyclohexane	6.135	83	215527	48.65	ug/L	99
37) 1,2-Dichloropropane	6.177	63	164327	54.48	ug/L	98
38) Bromodichloromethane	6.515	83	222948	52.79	ug/L	97
39) cis-1,3-Dichloropropene	7.029	75	218489	45.79	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	455436	99.11	ug/L	99
42) Toluene	7.392	91	558024	45.70	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	221917	48.50	ug/L	98
45) 1,1,2-Trichloroethane	7.843	97	144771	49.95	ug/L	97
46) Tetrachloroethene	7.981	164	97740	43.79	ug/L	95
48) 2-Hexanone	8.142	43	387414	113.99	ug/L	99
49) Dibromochloromethane	8.251	129	173445	52.64	ug/L	100
50) 1,2-Dibromoethane	8.357	107	173653	52.33	ug/L	98
51) Chlorobenzene	8.888	112	419077	50.99	ug/L	99
52) Ethylbenzene	9.016	91	689963	50.22	ug/L	99
53) m,p-Xylene	9.142	106	261494	50.32	ug/L	99
54) o-Xylene	9.550	106	259764	50.09	ug/L	98
55) Styrene	9.566	104	466965	51.62	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	240803	47.68	ug/L	98
59) Bromoform	9.736	173	119726	57.38	ug/L #	99
60) Isopropylbenzene	9.936	105	653965	53.69	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	198232	54.96	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	506101	49.87	ug/L	99
63) 1,2,4-Trimethylbenzene	10.920	105	522390	52.39	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	285112	50.14	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	292194	50.83	ug/L	98
67) 1,2-Dichlorobenzene	11.649	146	301429	54.05	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.434	75	63379	62.26	ug/L	97
69) 1,3,5-Trichlorobenzene	12.653	180	244742	58.54	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	216250	54.31	ug/L	98
71) Naphthalene	13.511	128	698968	53.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	198240	47.72	ug/L	97

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

