

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021721\
 Data File : VW020337.D
 Acq On : 17 Feb 2021 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Feb 18 00:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 00:12:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	588701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	573895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	320065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	226287	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.44%
7) Chloroethane-d5	1.568	69	188577	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.10%
11) 1,1-Dichloroethene-d2	2.111	63	410337	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.14%
21) 2-Butanone-d5	3.876	46	236417	98.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.59%
24) Chloroform-d	4.349	84	405077	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
26) 1,2-Dichloroethane-d4	5.034	65	262687	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
32) Benzene-d6	5.050	84	787156	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
36) 1,2-Dichloropropane-d6	6.072	67	242000	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.317	98	745291	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%
43) trans-1,3-Dichloroprop...	7.622	79	117535	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.88%
47) 2-Hexanone-d5	8.088	63	177075	95.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.89%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	331362	51.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.98%
64) 1,2-Dichlorobenzene-d4	11.632	152	320556	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	253198	48.37	ug/L	100
3) Chloromethane	1.243	50	223954	48.13	ug/L	99
5) Vinyl chloride	1.310	62	245489	49.00	ug/L	99
6) Bromomethane	1.523	94	160246	51.17	ug/L	98
8) Chloroethane	1.584	64	156581	49.97	ug/L	99
9) Trichlorofluoromethane	1.754	101	349609	49.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	200319	52.87	ug/L	92
12) 1,1-Dichloroethene	2.117	96	182960	50.10	ug/L	92
13) Acetone	2.169	43	162580	96.04	ug/L	96
14) Carbon disulfide	2.294	76	495842	46.07	ug/L	100
15) Methyl Acetate	2.429	43	173562	48.19	ug/L	94
16) Methylene chloride	2.507	84	204364	51.09	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	188177	49.70	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	573901	49.91	ug/L	97
19) 1,1-Dichloroethane	3.191	63	352280	51.22	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	206534	50.72	ug/L	89
22) 2-Butanone	3.960	43	232585	96.61	ug/L	90
23) Bromochloromethane	4.246	128	111643	50.70	ug/L #	83
25) Chloroform	4.375	83	379032	52.63	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	288896	50.67	ug/L	96
29) Cyclohexane	4.680	56	280164	48.15	ug/L	89
30) 1,1,1-Trichloroethane	4.609	97	321194	50.40	ug/L	97
31) Carbon tetrachloride	4.828	117	278026	50.17	ug/L	99
33) Benzene	5.101	78	789131	51.43	ug/L	100
34) Trichloroethene	5.915	95	213623	50.66	ug/L	93
35) Methylcyclohexane	6.133	83	318641	49.91	ug/L	93
37) 1,2-Dichloropropane	6.175	63	201887	51.94	ug/L	98
38) Bromodichloromethane	6.510	83	271584	50.83	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	319005	51.83	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	477090	97.35	ug/L #	93
42) Toluene	7.391	91	853500	50.56	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	307589	51.38	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	203105	50.77	ug/L	97
46) Tetrachloroethene	7.979	164	172375	50.02	ug/L	95
48) 2-Hexanone	8.140	43	361112	96.31	ug/L #	92
49) Dibromochloromethane	8.249	129	221346	50.15	ug/L	98
50) 1,2-Dibromoethane	8.355	107	214179	49.98	ug/L #	99
51) Chlorobenzene	8.886	112	569564	50.30	ug/L	96
52) Ethylbenzene	9.014	91	953373	51.14	ug/L	98
53) m,p-Xylene	9.143	106	362564	51.08	ug/L	95
54) o-xylene	9.548	106	350945	50.79	ug/L	97
55) Styrene	9.564	104	627712	52.78	ug/L	96
56) Isopropylbenzene	9.937	105	956693	51.59	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	307601	48.81	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	254955	48.92	ug/L	98
61) Bromoform	9.735	173	154270	47.37	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	477041	50.39	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	494843	50.97	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	480935	50.88	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	63449	43.75	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.651	180	377974	51.12	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	338330	51.57	ug/L	98
69) Naphthalene	13.509	128	971374	51.71	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	340576	52.15	ug/L	98

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

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