

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021021\
 Data File : VW020291.D
 Acq On : 10 Feb 2021 16:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Feb 10 17:43:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	577604	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	561251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	312931	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	178304	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.68%
7) Chloroethane-d5	1.568	69	154480	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.111	63	374458	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.08%
21) 2-Butanone-d5	3.886	46	217144	92.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.30%
24) Chloroform-d	4.349	84	357534	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
26) 1,2-Dichloroethane-d4	5.034	65	225590	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
32) Benzene-d6	5.050	84	682029	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.072	67	209514	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.316	98	646013	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloroprop...	7.622	79	104230	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.088	63	168248	93.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	297175	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.631	152	280726	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	261239	50.87	ug/L	100
3) Chloromethane	1.243	50	224560	49.19	ug/L	98
5) Vinyl chloride	1.310	62	249193	50.69	ug/L	99
6) Bromomethane	1.523	94	163262	53.14	ug/L	96
8) Chloroethane	1.587	64	160708	52.27	ug/L	99
9) Trichlorofluoromethane	1.754	101	366416	52.46	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	202272	54.41	ug/L	93
12) 1,1-Dichloroethene	2.117	96	190762	53.24	ug/L	83
13) Acetone	2.182	43	176724	106.41	ug/L	93
14) Carbon disulfide	2.294	76	528440	50.04	ug/L	99
15) Methyl Acetate	2.432	43	177126	50.13	ug/L	93
16) Methylene chloride	2.506	84	207351	52.83	ug/L	90
17) trans-1,2-Dichloroethene	2.760	96	194426	52.34	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	581924	51.58	ug/L	96
19) 1,1-Dichloroethane	3.188	63	354625	52.55	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	211486	52.93	ug/L	88
22) 2-Butanone	3.969	43	244414	103.48	ug/L	92
23) Bromochloromethane	4.249	128	112242	51.95	ug/L #	81
25) Chloroform	4.375	83	373078	52.80	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	294769	52.69	ug/L	98
29) Cyclohexane	4.680	56	296998	52.19	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	324448	52.06	ug/L	98
31) Carbon tetrachloride	4.828	117	281018	51.85	ug/L	99
33) Benzene	5.101	78	799981	53.31	ug/L	100
34) Trichloroethene	5.915	95	219155	53.14	ug/L	94
35) Methylcyclohexane	6.133	83	335087	53.67	ug/L	91
37) 1,2-Dichloropropane	6.175	63	201893	53.11	ug/L	98
38) Bromodichloromethane	6.513	83	276291	52.88	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	324990	53.99	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	489460	102.12	ug/L #	93
42) Toluene	7.390	91	875167	53.02	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	311119	53.14	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	205454	52.52	ug/L	98
46) Tetrachloroethene	7.979	164	173055	51.35	ug/L	95
48) 2-Hexanone	8.143	43	377703	103.00	ug/L #	92
49) Dibromochloromethane	8.249	129	225236	52.18	ug/L	100
50) 1,2-Dibromoethane	8.355	107	218770	52.20	ug/L #	100
51) Chlorobenzene	8.886	112	577494	52.15	ug/L	96
52) Ethylbenzene	9.014	91	980002	53.75	ug/L	99
53) m,p-Xylene	9.143	106	369659	53.25	ug/L	97
54) o-xylene	9.548	106	361670	53.52	ug/L	95
55) Styrene	9.564	104	638287	54.88	ug/L	94
56) Isopropylbenzene	9.937	105	978094	53.93	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	316213	51.30	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	258985	50.81	ug/L	99
61) Bromoform	9.734	173	158032	49.63	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	485449	52.44	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	495394	52.19	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	480963	52.04	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	67518	47.62	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	381366	52.76	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	342502	53.40	ug/L	97
69) Naphthalene	13.509	128	987608	53.77	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	343393	53.78	ug/L	98

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

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