

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062421\
 Data File : VW021563.D
 Acq On : 24 Jun 2021 12:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050173

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 12:59:28 PM

Quant Time: Jun 25 03:02:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 25 03:01:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	426796	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	402852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213218	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118228	42.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.140%
7) Chloroethane-d5	1.568	69	105530	50.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.980%
11) 1,1-Dichloroethene-d2	2.108	63	225316	46.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.860%
21) 2-Butanone-d5	3.892	46	247843	123.001	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.000%
24) Chloroform-d	4.346	84	287088	51.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	5.027	65	177650	55.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.280%
32) Benzene-d6	5.047	84	556531	49.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	6.066	67	182918	52.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.120%
41) Toluene-d8	7.313	98	504813	47.016	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	7.619	79	92859	49.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.720%
47) 2-Hexanone-d5	8.088	63	176865	110.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.670%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256768	53.149	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.300%
66) 1,2-Dichlorobenzene-d4	11.625	152	208443	47.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	122355	41.361	ug/L	98
3) Chloromethane	1.240	50	145521	49.380	ug/L	100
5) Vinyl chloride	1.311	62	143634	47.490	ug/L	99
6) Bromomethane	1.523	94	103166	49.806	ug/L	99
8) Chloroethane	1.584	64	97980	56.977	ug/L	99
9) Trichlorofluoromethane	1.751	101	193304	43.088	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	122807	47.092	ug/L	92
12) 1,1-Dichloroethene	2.114	96	114736	45.805	ug/L	88
13) Acetone	2.188	43	166382m	95.969	ug/L	
14) Carbon disulfide	2.291	76	359636	45.541	ug/L	100
15) Methyl Acetate	2.433	43	183604	61.808	ug/L	97
16) Methylene chloride	2.503	84	168486	53.694	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	144929	50.714	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	538587	59.449	ug/L	98
19) 1,1-Dichloroethane	3.185	63	285053	56.287	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	174454	54.565	ug/L	98
22) 2-Butanone	3.976	43	259936	118.356	ug/L	98
23) Bromochloromethane	4.243	128	92525	52.252	ug/L	91
25) Chloroform	4.371	83	293577	56.019	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	222256	61.388	ug/L	99
29) Cyclohexane	4.674	56	229044	48.803	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	247310	49.731	ug/L	98
31) Carbon tetrachloride	4.825	117	209477	46.400	ug/L	100
33) Benzene	5.095	78	618818	53.668	ug/L	100
34) Trichloroethene	5.912	95	162980	52.000	ug/L	96
35) Methylcyclohexane	6.127	83	235876	46.882	ug/L	98
37) 1,2-Dichloropropane	6.172	63	170764	58.084	ug/L	99
38) Bromodichloromethane	6.506	83	234342	56.804	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	275675	55.773	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	504935	126.670	ug/L	97
42) Toluene	7.384	91	661889	51.745	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	263588	56.370	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	170922	57.283	ug/L	98
46) Tetrachloroethene	7.973	164	124157	43.086	ug/L	96
48) 2-Hexanone	8.137	43	377419	123.450	ug/L	99
49) Dibromochloromethane	8.246	129	194739	52.120	ug/L	97
50) 1,2-Dibromoethane	8.352	107	181681	55.321	ug/L #	100
51) Chlorobenzene	8.879	112	432757	51.173	ug/L	97
52) Ethylbenzene	9.011	91	718130	51.115	ug/L	99
53) m,p-Xylene	9.137	106	271181	50.236	ug/L	97
54) o-Xylene	9.542	106	275310	51.653	ug/L	98
55) Styrene	9.561	104	479345	52.255	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	266549	57.227	ug/L	100
59) Bromoform	9.731	173	146976	51.088	ug/L #	98
60) Isopropylbenzene	9.931	105	709749	53.719	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	216314	64.567	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	605926	53.272	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	615846	53.598	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	336885	50.480	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	338131	50.184	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	349249	52.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	61869	59.279	ug/L	81
69) 1,3,5-Trichlorobenzene	12.644	180	252290	44.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	221873	44.114	ug/L	98
71) Naphthalene	13.503	128	701951	50.598	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225002	45.960	ug/L	99

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

